







CITY DOCUMENTS

Municipal Register 1929

Annual Reports, Etc.

FOR THE YEAR 1928



**CITY OF NEW BEDFORD
MASSACHUSETTS**

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1929

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CITY DOCUMENTS

Municipal Register 1929

Annual Reports, Etc.

FOR THE YEAR 1928



**CITY OF NEW BEDFORD
MASSACHUSETTS**

Municipal Register

JUNE 1, 1929

MAYOR

HON. CHARLES S. ASHLEY, 93 State Street

ALDERMEN

President—OSCAR D. KELLEHER

Ward One:—JOSEPH HARRISON.....208 Eugenia St.
Ward Two:—ERNEST E. LAVERTU.....1866 Purchase St.
Ward Three:—OSCAR D. KELLEHER.....1174 Purchase St.
Ward Four:—GEORGE H. CUSHING.....191 Elm St.
Ward Five:—JOHN A. STITT.....14 Bay St.
Ward Six:—ROBERT UPTON.....207 Hudson St.

City Clerk

RODOLPHUS A. SWAN, 80 Walnut Street.

COMMON COUNCIL.

President:—BERNARD KESTENBAUM

Ward One

WILFRED LAFRENAYE.....165 Bates St.
CHARLES LAVIMONIERE.....28 Belleville Rd.
WILLIAM SEDDON.....29 Tarkiln Hill Road
JOHN WRIGHT.....405 Tarkiln Hill Road

Ward Two

CASIMIR ARENDT.....6 Bonneau Court
ALDEI CASAVANT.....1205 Acushnet Avenue
JAMES H. HUNT.....25 Myrtle Street
JAMES WOODACRE.....8 Studley Street

Ward Three

JOSEPH C. DESMOND.....129 Hillman Street
HAROLD E. KENYON.....147 Maxfield Street
WALTER J. LANGFIELD.....90 Robeson Street
GEORGE H. SISTARE.....474 Park Street

Ward Four

FRANK W. MAHON.....71 Mechanics Lane
BERNARD C. McCABE.....299 Palmer Street
LEWIS F. PIERCE.....223 Chancery Street
HJALMAR N. SUNDIN.....45 Pierce Street

Ward Five

JOHN L. ALMOND.....431 West Bedford Street
 BERNARD KESTENBAUM..... 451 Rockdale Avenue
 WILLIAM G. MORRISON.....79 Forest Street
 GEORGE P. PONTE.....151 Rockland Street

Ward Six

LEO E. J. CARNEY.....53 Ashley Street
 ALFRED CHARETTE.....96 David Street
 NAPOLEON LALIME.....64 Rodney French Blvd.
 RAYMOND TSCHAEN.....210 Rodney French Blvd.

Clerk:—RUTH G. HILTON

JOINT STANDING COMMITTEES OF THE
 CITY COUNCIL

Almshouse and the Poor—Aldermen Harrison (ch.), Upton;
 Councilmen Langfield, Tschaen and Casavant.

Audit—Aldermen Stitt (ch.), Upton; Councilmen Desmond,
 Langfield and Mahon.

Bath Houses—Aldermen Upton (ch.), Kelleher; Councilmen
 McCabe, Lalime and Almond.

Building Code—Aldermen Lavertu (ch.), Stitt; Councilmen
 Seddon, Charette and Lalime.

City Property—Aldermen Cushing (ch.), Lavertu; Councilmen
 Desmond, Sistare and McCabe.

Claims—Aldermen Harrison (ch.), Lavertu; Councilmen Mahon,
 Ponte and Kenyon.

Finance—Mayor (ch.), Aldermen Kelleher and Stitt; Councilmen
 Pierce, Almond and Carney.

Fire Department—Aldermen Lavertu (ch.), Cushing; Councilmen
 Lafrenaye, Wright and Kenyon.

Military Affairs—Aldermen Stitt (ch.), Harrison; Councilmen
 Hunt, Woodacre and Sundin.

Ordinances—Aldermen Upton (ch.), Cushing; Councilmen
 Lavimoniere, Ponte and Morrison.

Streets—Aldermen Kelleher (ch.), Cushing; Councilmen Arendt,
 Hunt and Woodacre.

Street Lights—Aldermen Cushing (ch.), Upton; Councilmen
 Casavant, Sundin and Morrison.

Wharves—Aldermen Kelleher (ch.), Harrison; Councilmen Arendt,
 Sistare and Pierce.

DEPARTMENTS

- City Clerk**—RODOLPHUS A. SWAN, Salary \$4,200, 80 Walnut Street. **Assistant City Clerk**—JAMES DIGNAM, Salary \$2,800, 289 Maple Street.
- City Treasurer and Collector of Taxes**—JOHN MORRIS. Salary \$4,000. 235 Pope Street.
- City Auditor**—CHARLES J. MCGURK. Salary \$4,500, 638 Rodney French Blvd. (West).
- Clerk of Committees**—RUTH G. HILTON, Salary \$2,600. 109 Chestnut Street.
- City Solicitor**—BENJAMIN B. BARNEY, Salary \$5,000 3 North Orchard Street.
- City Engineer**—GEORGE H. NYE, Salary \$4,000, 23 Arnold Place.
- Clerk Board of Appeals**—GEORGE H. NYE, Salary \$2,000. 23 Arnold Place.
- Superintendent of Streets**—WILLIAM P. HAMMERSLEY, Salary \$6,000, 34 South Sixth Street.
- City Forester**—CHARLES F. LAWTON, Salary \$2,000, 31 Plymouth Street.
- Superintendent of Buildings and Inspector of Buildings**—GEORGE O. GARDNER, Salary \$3,500, 181 Maple Street.
- Assistant Superintendent of Buildings**—MARTIN H. SULLIVAN. Salary \$2,300. 78 North Street.
- Inspector of Wires**—WILLIAM P. BRIGGS, Salary \$2,000. 123 Bedford Street.
- Superintendent of Street Lights**—WILLIAM P. BRIGGS. Salary \$1,000. 123 Bedford Street.
- Supervisor of Police Signal System**—WILLIAM P. BRIGGS. Salary \$500. 123 Bedford Street.

OTHER OFFICIALS

- City Physician**—ALBERT H. STERN, M. D., Salary \$2,000. 1149 Acushnet Avenue.
- Sealer of Weights and Measures**—JOHN HOBIN, Salary \$2,500. 759 County Street.
- Superintendent of Sewers**—WILLIAM P. HAMMERSLEY, Superintendent of Streets, ex-officio.
- Harbor Master**—HENRY F. WEST, Salary \$400. 226 Chancery Street.
- City Wharfinger**—HENRY F. WEST. Salary \$500. 226 Chancery Street.
- Inspector of Crude Petroleum**—HOWARD I. WORDELL. 334 Hawthorn Street. Fees 2c per barrel.
- Fence Viewer**—ALBERT PUTZ, 70 Sycamore Street.
- Caretaker of Graves of Soldiers and Sailors**—SIDNEY B. DEMORANVILLE. 6 Richmond Street. No salary. Superintendent of Cemeteries.
- Registrar of Labor** (Under Massachusetts Civil Service Commission)—WILLIAM J. CARTER. Salary \$500. 108 Robeson Street.
- Workmen's Compensation and Claim Agent**—WILLIAM R. BALDERSON. Salary \$2,000. 191 Elm Street.

MUNICIPAL REGISTER

BOARD OF HEALTH.

Salary \$700 each.

HOLDER C. KIRBY, M. D. Term expires February, 1930
 S. A. LAMOUREUX, M. D. Term expires February, 1931
 JOSEPH R. GLENNON Term expires February, 1932
 JOSEPH R. GLENNON, Chairman

Agent and Executive Officer—Salary \$4,000.

WILLIAM G. KIRSCHBAUM

Director of Field Work—Salary \$4,000.

WILLIAM B. GEOGHEGAN

Chief Clerk—Salary \$28 per week.

ELIZABETH E. SUMNER

Assistant Clerk and Bookkeeper—Salary \$29 per week.

M. CATHERINE SILVA

Assistant Clerk and Stenographer—Salary \$26 per week.

HERMINE PALME

Stenographer and Clerk, Infant Welfare—Salary \$28 per week

LAURA E. GODIN

Stenographer and Clerk, Infant Welfare—Salary \$26 per week.

SUSANNA BARRY.

Sanitary Inspectors and Wages per week.

ANTONE F. SYLVIA, \$38.50

EDWARD RAYMOND, \$38.50 ROBERT F. VOGEL, \$38.50

Collector of milk samples and Interpreter of Portuguese language—
\$40 per week

FREDERICK J. FRANCIS

Inspectors of Plumbing

WILLIAM DEACON

ERNEST G. PARKER

Salary \$2,500 year

Salary \$2,500 year

Medical Inspector and Physician to Well Baby Clinics—

Salary \$3357.12

A. N. SENESAC, M. D.

Physician to Well Baby Clinics—Salary \$642.88

AUBREY POTHIER, M. D.

Oculist—Salary \$2,000.00

ALPHONSE NORMANDIN, M. D.

Bacteriologist, Chief of Venereal Clinic—Salary \$3,000

A. H. MANDELL, M. D.

MUNICIPAL REGISTER

7 a

Nurses V. D. Clinic

MARY E. CHADWICK, \$30 per week
EMMA B. KIMBALL—part time \$10 per week

Technician—Salary \$1,600 per year
OLIVE F. SHERIDAN

Chief of T. B. Clinic—Salary \$1,000
J. M. WISE, M. D.

Physician at Pre School Clinic
CHARLES H. GRIFFIN, M. D.

Public Vaccinator—Fees
L. K. DORAN, M. D.

NURSES

EUGELIA L. EDDY, Supervisor—Salary \$2,300
\$30 each per week

| | |
|----------------------|-----------------------|
| HARRIET L. MURPHY | FRANCES M. HARRINGTON |
| AZUBAH C. DEXTER | BERTHA RIDDOCK |
| PHILOMENE E. GIFFORD | MARY J. RECA |
| EDITH H. GIFFORD | GLADYS M. TAYLOR |
| ISABEL FITZGERALD | ELSIE M. MacLEOD |
| MIRIAM HOUGHTON | PRISCILLA S. LaBRODE |

Nurses to Parochial Schools—\$30 per week.
ESTELLE R. KING BERYL I. ROSS

Part time
Ophthalmia Nurse—\$21 per week.
THERESA LYONS

Medical Inspector Parochial Schools—Salary, \$400 each
DR. J. P. ST. GERMAIN DR. JACOB GENNERT
DR. ELLEN R. CANNEY

Garbage Disposal
Supt. AUSTIN M. THRESHER—Salary \$3,000

Inspector of Milk and Provisions—Salary \$2,200
ALPHEGE A. LANDREVILLE

Inspector of Dairies—Salary \$30 per week
OLIVER G. SPOONER

Inspector of Milk and Provisions—Salary \$1,400
WILLIAM G. O'CONNOR, V. M. D.

Inspector of Slaughtering—Salary \$1,000
EDGAR E. CORY.

ASSESSORS

Salary \$3,000 each

| | |
|-----------------------------|-------------------|
| MARY L. FINNELL | Term expires 1930 |
| WILLIAM J. ABRAMS, Chairman | Term expires 1932 |
| JOSEPH H. HANDFORD | Term expires 1934 |

BOARD OF PUBLIC WELFARE

Salary, \$500 each

MINER W. WILCOX Term expires May 1, 1930

ALDEGE CHAUSSE Term expires May 1, 1931

KATHERINE H. EDWARDS Term expires May 1, 1932

MINER W. WILCOX, Chairman

Secretary and Almoner—Salary \$2,760

CHARLES A. POIRIER

Clerk and French Interpreter—Salary, \$2,184

JOSEPH A. DESJARDINS

Visitors—Salary \$2,080

RAYMOND HALLIWELL CHARLES A. McAVOY

SERAPHINE P. SYLVIA

MRS. M. JOSEPHINE TELFORD—\$28 per week

Stenographers

MABELLE F. COBB Salary \$28 per week

LILLIAN T. SOLY Salary \$28 per week

Superintendent and Matron of Almshouse—Salary \$1,820

KATHERINE F. BROWN

Chaplains of Almshouse—Salary \$300

REV. CHARLES S. THURBER

REV. HENRY J. NOON

Physicians to the Board.—Salary, \$1,000 each.

Physician to the North District

R. E. SENECAI, M. D.

Physician to the Centre District

WILLIAM ROSEN, M. D.

Physician to the South District

SYLVESTER E. CORRIGAN, M. D.

Physician to Cove District

JOSEPH H. GLEASON, M. D.

Eye Specialist—Salary \$800

H. H. LeCLAIR, M. D.

TRUSTEES FREE PUBLIC LIBRARY

Ex-Officio

CHARLES S. ASHLEY.....Mayor of the City.

OSCAR D. KELLEHER....President of the Board of Aldermen

BERNARD KESTENBAUM..President of the Common Council

Elected by the City Council

FRANK A. MILLIKEN, Term expires April, 1930

ALICE P. SHOCKLEY, Term expires April, 1930

CHARLES M. HOLMES, Term expires April, 1931

IRVING W. COOK, Term expires April, 1931

REV. FRANK E. RAMSDELL, Term expires April, 1932

COOPER GAW, Term expires April, 1932

President of the Board

THE MAYOR

Librarian and Clerk

GEORGE H. TRIPP

COMMISSIONERS OF SINKING FUNDS

CHARLES S. KELLEY, Jr., Term expires April, 1930
 BENJAMIN A. TRIPP, Term expires April, 1931
 EDMUND H. LELAND, Term expires April, 1932
 JOHN MORRIS, Secretary and Treasurer
 Salary \$300

TRUSTEES OF GIFTS, BEQUESTS AND TRUST FUNDS

JOSEPH M. READ, 163 Hawthorn Street, Elected 1927. Term expires April 1930.
 ALBERT H. DOYLE, 2095 Acushnet Avenue, Elected 1928. Term expires April, 1931.
 WILLIAM S. COOK, 11 Hawthorn Terrace, Elected 1929. Term expires April, 1932.

NEW BEDFORD WATER WORKS

New Bedford Water Board

CHARLES S. ASHLEY, Mayor, ex-officio, President
 BERNARD KESTENBAUM, Pres. of Common Council, ex-officio.
 JAMES O. THOMPSON, Jr., Term expires June, 1929
 WILLIAM D. HAMEL, Term expires June, 1930
 THOMAS F. GLENNON Term expires June, 1931
 Clerk—STEPHEN H. TAYLOR
 Superintendent—Salary, \$4,500
 STEPHEN H. TAYLOR
 Water Registrar—Salary, \$2,912
 ALFRED BRADLEY

BOARD OF PARK COMMISSIONERS

GEORGE R. HOOPER, Chairman
 GEORGE R. HOOPER Term expires 1st Monday in May, 1930
 WILLIAM FERGUSON, Term expires 1st Monday in May, 1931
 ISAAC DAWSON, Term expires 1st Monday in May, 1932
 JEREMIAH COHOLAN, Term expires 1st Monday in May, 1933
 GEORGE R. CHERRY, Term expires 1st Monday in May, 1934
 JEREMIAH COHOLAN, Secretary
 General Superintendent—Salary, \$3,000
 EVERETT B. SHERMAN

CEMETERY BOARD

WILLIAM M. HIGHAM, Chairman
 WILLIAM M. HIGHAM, Term expires May 1, 1930
 JOHN G. NICHOLSON, Term expires May 1, 1931
 CHARLES H. VINAL, Term expires May 1, 1932
 CHARLES H. VINAL Secretary
 Superintendent of Cemeteries—Salary, \$2,500
 SIDNEY B. DeMORANVILLE

MUNICIPAL REGISTER

REGISTRARS OF VOTERS

Salary \$400 each

HARRY SEDDON, Chairman

HARRY SEDDON, (Rep.) Term expires March, 1930

GEORGE J. PLANTE, (Rep.) Term expires March, 1931

ANTHONY GERARDI, (Dem.) Term expires March, 1932

RODOLPHUS A. SWAN, (Dem.) Clerk, Salary, \$400

Assistant Registrar, WILLIAM J. CARTER, Salary, \$200

Elected Annually in April by the Board.

LICENSING BOARD

Salary, \$500 each

DANIEL W. BAKER, Chairman and Secretary,

CHARLES S. BAYLIES, Term expires 1930

DANIEL W. BAKER, Term expires 1932

STANLEY J. SIECZKOWSKI, Term expires 1934

FIRE DEPARTMENT

Executive Head—Mayor CHARLES S. ASHLEY

EDWARD F. DAHILL Chief

Salary, \$3,850

JAMES J. DONAGHY Deputy Chief

Salary, \$3,080

FREDERICK E. RICKETSON First District Chief

Salary, \$2,750

AMBROSE F. MERCHANT Second District Chief

Salary, \$2,750

MILES L. FAY Third District Chief

Salary, \$2,750

FRANCIS T. MACEDO.....Clerk of Dept.

POLICE DEPARTMENT

SAMUEL D. McLEOD.....Chief

Salary, \$3,850.

(For complete list see report of Police Department.)

THE NEW BEDFORD PROTECTING SOCIETY**1928.**

PRESIDENT :

JOSEPH F. CORNWELL

DIRECTORS.

HENRY S. HUTCHINSON
CHARLES S. BAYLIES
F. OSCAR COVILL
FRANK P. R. PATTERSON

ERNEST H. BOUCHER
GEORGE I. MACY
FREDERICK B. MACY
WILLIAM C. PHILLIPS

SECRETARY AND TREASURER :

GEORGE P. HURLL

George H. H. Allen
Merrill D. Anthony
John K. Blair
George Bonneau
Zoe C. Boucher
William S. Bourne
Harry C. Brightman
Arthur T. Brooks
Andrew J. Brooks
Frederic T. Browne
Frederic T. Browne, Jr.
T. Harold Burke
Everett B. Case
Laurance D. Chapman
Chester W. Chase
I. H. Coe, Jr.
Otis P. Cook
William C. Dawe
Arthur D. Delano
Benjamin T. Dobson
Edward J. Donaghy
Otis N. Dunham
Wellington A. Francis
Samuel E. Gabriel
Henry Howard, Jr.
Charles S. Kelley, Jr.
Metcalf Kingman
Henry S. Knowles
John M. Lancaster
Herbert Macy
J. Roland Macy

Henry J. Makin
P. N. Manchester
Hyman Mendelson
Edward A. Oesting
Stephen D. Peirce
Samuel H. Perry
George W. Peterson
Charles R. Phillips
Aime J. Poirier
William F. Potter
Joseph M. Read
W. Kempton Read
Chester P. Rexford
William A. Robinson, Jr.
Charles A. Russell
Arthur Sharples
Charles S. Sharples
John C. Shaw, Jr.
Nat. C. Smith
George A. St. Germain
Martin H. Sullivan
Horace W. Swift
Frederic H. Taber
William T. Taylor
Walter J. Thorpe
Clifton P. Tuell
James A. Webber
Thomas W. Williams
T. Wilson Williamson
Henry S. Winslow
David S. Wood

WEIGHERS OF MERCHANDISE

Appointed and Qualified

June 1, 1928—June 1, 1929.

| | |
|-----------------------|---------------------|
| Andrews, Manuel A. | Connelly, Nathaniel |
| Andrade, William A. | Cornell, James |
| Anderton, Hannah | Callahan, Martin |
| Adams, Doris J. | Cairns, Daniel |
| Alexander, Charles | Card, James G. |
| Akin, Charles G., Jr. | Craig, John E. |
| Aumann, Joseph | Coe, William A. |
| Alves, Manuel | Curtis, Daniel J. |
| Alves, John | Cooper, John J. |
| Anderson, John | DeMello, Manuel C. |
| Aspden, Alfred | Duval, Arthur |
| Atkinson, John | Dufresne, Joel S. |
| Brun, Arthur L. | Desrosiers, George |
| Brun, Beatrice L. H. | Duarte, Isabel |
| Brogden, John | Dion, Alphonse J. |
| Bachand, Wilfred | Davis, John |
| Bryant, Alfred O. | Downey, Maurice C. |
| Barrett, Fred | De Leo, Albert |
| Batty, Samuel | Dutra, Albert |
| Bergeron, Theodore | Draper, Josiah F. |
| Bettencourt, Joseph | Duprey, Joseph |
| Belanger, Lucien | Dunham, Zacheus |
| Booth, Charles H. W. | Duffie, Robert, Jr. |
| Brown, John E. | Davignon, Norbert |
| Brownhill, Richard | Dickensen, Edward |
| Brightman, Bradford | Dyson, Nellie |
| Borden, Frank W. | Eden, William |
| Blakeley, Albert | Earnshaw, John O. |
| Bliss, Frank J. | Elliott, Albert J. |
| Beattie, Joseph J. | Eaton, Edgar R. |
| Beattie, John | Fay, Laurence P. |
| Bumpus, Arthur P. | Fountain, Frank H. |
| Ball, William E. | Foley, Patrick J. |
| Baskin, Lillian | Fitton, William |
| Bence, Frederick W. | Furtado, Frank |
| Bancroft, Thomas | Furtado, John |
| Bobrowski, Frank | Foley, Edward F. |
| Babcock, Joseph D. | Fonseca, Frank R. |
| Buchanan, Andrew T. | Field, Leonard |
| Cavalho, Louis | Farland, Albert |
| Cardoza, Joseph | Fishback, Eugene J. |
| Crawford, S. G. | Flathers, Arthur E. |
| Calverley, James W. | Francis, William H. |
| Camelia, William M. | Furtado, Manuel J. |
| Cooper, J. Harry | Gurney, Ralph E. |
| Chase, Alton | Gunning, John |
| Carse, Henry | Gilmore, Daniel R. |
| Carter, John J. | Goldthwaite, B. D. |
| Chapman, Ethel M. | Greenwood, Walter |
| | Guilmette, Alfred |

Gurney, Ralph E.
Gardner, James A.
Gannon, Patrick J.
Graham, Ada
Gifford, William E.
Gray, Charles A.
Gilmore, Thomas, Jr.
Ganghan, John
Grenier, Emile J.
Hurwitz, Samuel
Hall, Joseph P.
Haworth, Archibald W.
Hurwitz, Hyman
Hayden, Edward D.
Hutchings, Walter C.
Hatch, Clifton N.
Hughes, Charles E.
Holmes, Albert W., Jr.
Harney, John J.
Harrop, Earl
Hunter, Donald M.
Holstius, Gustave
Herbert, Wilfred
Hayden, John
Heyliger, Robert G.
Holland, Charles H.
Howard, John
Howland, Ellis K.
Hindle, William T.
Harrison, Francis J.
Iredale, William
Judge, Edward E.
Jacintho, Frank, Jr.
Kasmire, Philip S.
King, Joseph F.
King, Howard F.
Kenyon, Walter A.
Kenworthy, Sidney
Kramm, Hugo
Lipsett, Milton L.
Lawrence, Herbert
Lareau, Joseph
Lawrence, Ernest M.
Lawrence, Charles L.
Lord, Thomas
Lethbridge, Walter
Larocque, Joseph W.
Linehan, Peter W.
La Fond, Romeo
Lees, Fred
Lawrence, Leonard R.
Lacroix, Leo P.
La Flamme, Romeo
Laycock, John W.
Lewis, William, Jr.
Lynch, Harold J.

Lee, John W.
Marshall, Charles E.
Mosher, Fred
McCann, Frank
Marshall, Manuel C.
Manna, Joseph
Medeiros, Joseph
Mullin, James
Mello, George
Mello, Joseph T.
Maye, James H.
Mendes, Telmo
McCarthy, James
McDonnell, John
Miller, James
Murphy, Philip
McKinley, Arthur
McKiernan, James F.
Mulkearn, Thomas F.
Medeiros, Charles
Moore, Joseph
Matthews, Harry G.
Newsham, Samuel
Nicholson, Henry
Nault, Ovila
Nolan, Joseph
Oliveria, John
O'Rourke, Edward
Paquin, Frank
Pierce, Nathaniel E.
Pedro, William A.
Pelletier, Armand
Phinney, George H.
Pepin, Henry
Pease, Luther M.
Pollard, Walter
Perry, August
Pope, George W.
Potter, Gertrude
Paul, George F.
Paul, George H.
Ross, Samuel
Rezendes, Fred
Riach, Nessie
Richardson, Clifford G.
Robinson, Frank J.
Robinson, Leslie P.
Ryan, Ambrose J.
Rourke, William
Rankin, Archibald
Rogers, Clara
Reed, Ervin A.
Robitaille, Ernest
Richmond, William R.
Roy, Romuald J.
Simpson, William

Stirrup, John
 Sayles, Harry D.
 Snow, Arthur A.
 Smith, J. Evelyn
 Shepley, Edward
 Singleton, William, Jr.
 Silva, Manuel
 Sullivan, William H.
 Sylvia, Michael
 Smith, Harry
 Sampson, Charles A.
 Sylvia, Charles P.
 Santos, Manuel A.
 Shea, William J.
 Samoisette, Isidore
 Santos, Frank
 St. Peter, Charles
 Shaw, Chauncey L.
 Snow, Russell
 Senna, Frank
 Sanderson, Cora
 Sparling, William D.
 Simmons, Carlton P.
 Sylvia, George A.
 Souza, Antone
 Sylvia, William
 Stowell, Samuel F., Sr.
 Soule, Carleton L.
 Swallow, Samuel
 Sylvia, Frank
 Sullivan, John B.
 Stone, Leonard
 Sartoris, Morton G.

Thibeuau, Ludger J.
 Tripp, Lewis S.
 Travers, Charles
 Tate, Andrew
 Treadup, James
 Tomlinson, David
 Tinkham, Hannah A.
 Tripp, Jabez D.
 Tripp, George E.
 Taylor, Samuel
 Tripp, Desmond W.
 Vaudry, Louis F.
 Venturi, Antone
 Walters, Leslie
 Waine, Nehemiah
 Whitehead, James
 Wilson, Wallace B.
 Walsh, Martin E.
 Wilkinson, Walter
 Whalley, James
 Wheaton, Miel
 Waldron, John
 Winslow, Henry S.
 Winn, Thomas P.
 Wilkinson, James, Jr.
 Walker, Sam R.
 Watson, John
 Ward, Harry
 Wilber, William A.
 Young, Charles
 Yates, Thomas
 Yates, Beatrice
 Young, Orville E.

WEIGHERS OF COAL

Appointed and Qualified

June 1, 1928—June 1, 1929.

Adams, Doris J.
 Alexander, Charles
 Akin, Charles G., Jr.
 Aumann, Joseph
 Alves, John
 Anderson, John
 Atkinson, John
 Brun, Arthur L.
 Brun, Beatrice L. H.
 Baskin, Lillian
 Boland, Edward
 Burke, Raymond
 Batty, Samuel
 Booth, Charles H. W.
 Bowman, Fred G.
 Crawford, S. G.

Calverley, James W.
 Callahan, Martin
 Craig, John E.
 Coe, William A.
 Cooper, John J.
 De Mello, Manuel C.
 Draper, Josiah F.
 Dwyer, Thomas J.
 Earnshaw, John O.
 Elliott, Albert J.
 Fay, Laurence P.
 Fernandes, Jacintho
 Foley, Patrick J.
 Foley, Edward F.
 Fishback, Eugene J.
 Flathers, Arthur E.

Francis, William H.
 Furtado, Manuel J.
 Gurney, Ralph E.
 Gunning, John
 Goldthwaite, B. D.
 Gurney, Ralph E.
 Gardner, James A.
 Gifford, Shirley
 Greenwood, Stanley H.
 Gifford, William E.
 Gray, Charles A.
 Ganghan, John
 Gile, John
 Hurwitz, Samuel
 Haworth, Archibald W.
 Hurwitz, Hyman
 Hayden, Edward D.
 Handford, John E. W.
 Hutchings, Walter C.
 Holmes, Albert W., Jr.
 Hunter, Donald M.
 Holstius, Gustave
 Heyliger, Robert G.
 Hindle, William T.
 Harrison, Francis J.
 Jennings, Ralph A.
 Johnson, Albion C.
 King, Joseph F.
 King, Howard F.
 Kenyon, Walter A.
 Kramm, Hugo
 Lussier, Henry
 Lipsett, Milton L.
 Lord, Thomas
 Lowe, Charles T.
 La Riviere, Jerry
 Martin, Eugene
 Marshall, Charles E.
 Medeiros, Joseph V.
 Moss, Edward
 Marsh, Harry
 Morin, Ernest P.

McCarthy, James
 McKinley, Arthur
 Moores, Joseph
 Newsham, Samuel
 Olek, Stanley
 Pierce, Nathaniel E.
 Phinney, George H.
 Pease, Luther M.
 Raymond, Thomas A.
 Ross, Samuel
 Robinson, Leslie P.
 Riendeau, Peter
 Ryan, Ambrose J.
 Rourke, William
 Rogers, Clara
 Roy, Romuald J.
 Sayles, Harry D.
 Silva, Manuel
 Smith, Harry
 Sampson, Charles A.
 Santos, Manuel A.
 Shaw, Chauncey L.
 Sylvia, George A.
 Souza, Antone
 Silveira, Joseph
 Tripp, Charles F.
 Travers, Charles I.
 Tripp, Jabez D.
 Tripp, George E.
 Tripp, Lewis S.
 Toussaint, Charles E.
 Toussaint, Lucien
 Villeneuve, Omer
 Walters, Leslie
 Wilson, Wallace B.
 Waldron, John
 Winn, Thomas P.
 Wilkinson, James, Jr.
 Walker, Sam R.
 Wilkinson, Thomas
 Young, Orville E.

MEASURERS OF LUMBER

Appointed and Qualified

June 1, 1928—June 1, 1929.

Chandler, Perley L.
 Croacher, Thomas
 Cardoza, George
 Dunham, Curtis H.
 Doane, Joshua G.
 Hawes, Richard G.

Longpre, Joseph Z.
 Meakin, James D.
 Poole, Justin
 Spooner, Daniel
 Sylvia, John J.

MEASURERS OF WOOD AND BARK**Appointed and Qualified**

June 1, 1928—June 1, 1929.

Borden, Harrison T.
Howe, Benjamin F.
Spooner, Alonzo W.

Spooner, Daniel A.
Thornton, R. Udell
Westgate, Clarence E.

WEIGHERS OF BOILERS AND HEAVY MACHINERY**Appointed and Qualified**

June 1, 1928—June 1, 1929.

Akin, Charles G., Jr.
Anderson, John
Aumann, Joseph
Alexander, Charles A.
Adams, Doris J.
Alves, John
Atkinson, John
Brun, Arthur L.
Brun, Beatrice L. H.
Bashin, Lillian
Boland, Edward
Burke, Raymond
Batty, Samuel
Booth, Charles H. W.
Crawford, S. G.
Calverley, James W.
Callahan, Martin
Craig, John E.
Coe, William A.
Cooper, John J.
De Mello, Manuel C.
Draper, Josiah F.
Earnshaw, John O.
Elliott, Albert J.
Fay, Laurence P.
Foley, Edward F.
Fishback, Eugene J.
Flathers, Arthur E.
Francis, William H.
Furtado, Manuel J.
Gurney, Ralph E.
Gunning, John
Goldthwaite, B. D.
Gardner, James A.
Gifford, William E.
Gray, Charles A.
Ganghan, John
Gile, John F.
Hurwitz, Samuel
Haworth, Archibald W.
Hurwitz, Hyman

Hayden, Edward D.
Hutchings, Walter C.
Holmes, Albert W., Jr.
Hunter, Donald M.
Holstius, Gustave
Heyliger, Robert G.
Hindle, William T.
King, Joseph F.
Kenyon, Walter A.
Kramm, Hugo
Lipsett, Milton L.
Lord, Thomas
Lowe, Charles T.
Marshall, Charles E.
Medeiros, Joseph V.
Moss, Edward
Marsh, Harry
McCarthy, James
McKinley, Arthur
Moores, Joseph
Newsham, Samuel
Pierce, Nathaniel E.
Phinney, George H.
Pease, Luther M.
Ross, Samuel
Robinson, Leslie P.
Ryan, Ambrose J.
Rourke, William
Rogers, Clara
Roy, Romuald J.
Sayles, Harry D.
Silva, Manuel
Smith, Harry
Sampson, Charles A.
Santos, Manuel A.
Shea, William J.
Shaw, Chauncey L.
Sylvia, George A.
Souza, Antone
Sylvia, Frank
Travers, Charles I.

Tripp, Jabez D.
Tripp, George E.
Tripp, Lewis S.
Tripp, Desmond W.
Walters, Leslie

Wilson, Wallace B.
Waldron, John
Winn, Thomas P.
Walker, Sam R.
Young, Orville E.

SPECIAL POLICE

Appointed and Qualified between June 1, 1928—June 1, 1929.

Adams, Andrew J.
Alves, John
Ashley, William L.
Agustine, Manuel F.
Aubert, Adelard J.
Avila, Joseph P.
Burgess, Sylvia D.
Boyle, Edward J.
Boucher, Benjamin E.
Butler, Herbert F.
Bergen, William F., Jr.
Brown, John R.
Bence, Frederick W.
Belanger, John B.
Belenager, Lucien
Braga, John J.
Booth, John
Bretherton, Thomas
Bolton, Walter F.
Begley, John H.
Bliss, William H.
Black, George
Baldwin, Lewis D.
Bourbeau, Augustin
Byrne, James
Bergen, William F.
Cawley, John M.
Connors, William J.
Cartnell, Robert A.
Cordeiro, Manuel
Cormier, Edgar B.
Cote, Hormidas
Carroll, Louis A.
Cantwell, John F.
Cook, James
Costa, Edward A.
Cliff, Joseph R. N.
Chamberlain, James F.
Cournoyer, Ovila A.
Carrier, Armand J.
Collins, Edmund
Donbavand, Harold R.
Davies, Samuel, Jr.
Duffy, John E.

De Costa, William
Davis, Robert
Dehoney, John
Days, Ernest N.
Dixon, John
Denham, Joseph H.
Davis, William T.
Decoute, Eugene
Davis, Harold W.
Davis, Edwin F.
De Terra, Charles E.
Doyon, Samuel
Dupuis, Joseph
Ewasko, Joseph E.
Fegan, Bertram E.
Furtado, Manuel J.
Francis, William E.
Freitas, Manuel
Frazier, Manuel F.
Francis, Enos
Frates, Antone
Foutter, Robert R.
Foisy, Albert
Fortin, Alphonse
Frasier, John E.
Gosselin, Arthur J.
Griffin, James
Grew, John W.
Gething, Alfred E.
Gauvin, Ernest
Gilmore, William C.
Hanna, Maurice B.
Hathaway, Martin P.
Heap, John R.
Hegele, Ernest
Hull, John James
Hardy, Daniel
Holland, Charles H.
Holt, James W.
Hazzard, Alton L.
Hughes, Hubert O.
Harrington, Daniel F.
Holden, James
Hart, George M.

Holt, Fred
Healey, William
Hall, Andrew M.
Helme, Robert G.
Johnson, John
Johns, William A.
Jeffrey, Arthur
Kenyon, Harold E.
King, John
Leboeuf, George
Lemaire, Henry
Laurence, John D.
Lavallette, Howard W.
Lawton, Henry C.
Latimer, James
Leonard, Joseph P.
Leitao, Antonio F.
Lewis, Manuel
Lyons, William
Lewis, Clarence
Lowrie, George H.
McLeod, Donald A.
Martin, Arthur L.
McKim, Samuel
Miller, Samuel
McAfee, William M.
Marcotte, Elisee P.
McDevitt, Fred A.
McEnnis, Robert B.
Marchand, Joseph
Mackie, William E.
Mallon, John
Mello, Manuel S.
Mather, Robert H.
Morse, Frank S.
McDermott, Charles
Marcoux, Arcade
Murphy, Laurence J.
McCann, Frank
McGrath, William T.
Nistele, Carl E.
O'Grady, Stephen
Oliver, Joseph
O'Donnell, Thomas
Perry, Stephen J.
Petty, Benjamin H.
Pilkington, John
Perry, Andrew
Pavao, Joseph
Pisarczyk, John
Phillips, William
Platt, John
Rush, Maynard, F.
Robert, Edmond

Roy, Romuald J.
Riley, William H.
Roberge, Henry
Richard, P. Regan
Reid, Robert
Richmond, William R.
Rivard, Elmo P.
Reed, William H.
Roy, Alphonse E.
Ryan, Ambrose J.
Riding, Albert E.
Souza, William
Sylvia, John R.
Seddon, David
Sylvia, Jesse
Soares, Frank L.
Swansey, George E.
Sargent, Gordon
Sharples, Smith T.
Sartoris, John R.
Seymour, Henry N.
Stephens, Henry A.
Smith, Alvin J.
Smith, Samuel
Smith, John T.
Shields, John P.
Sharpe, Harold C.
Serra, Hector
Sewares, James F.
Sylvia, John R.
Sylvia, Peter
Sheffield, John P.
Therrien, Alfred E.
Teachman, Clifford L. L.
Taylor, James A.
Tripp, Bradford D.
Taylor, George S.
Thompson, Arthur C.
Thomas, Sillis
Tate, Andrew
Teachman, Albert G.
Tavares, John J.
Vieira, Manuel
Valois, Frank X.
Varcellone, Peter
Walton, Thomas E.
Welch, Peter
Walker, George H.
Walker, Sam R.
Wilbur, Howard C.
Wood, George
Wrigley, William
Wehoskey, Everett A.
Zeman, Albert

ELECTION OFFICERS.

Term of Office Expires September 1, 1929.

*Star indicates qualification. All officers must qualify before serving. Deputies serve in place of absent regulars when possible.

WARD 1, PRECINCT A

Regular

| | | | | |
|----|-----------|-------------------|---|---------------------|
| *1 | Warden | HENRY FOURNIER | R | 168 Tinkham St. |
| *2 | Clerk | HELEN T. POLLOCK | D | 276 Earle St. |
| *3 | Inspector | CLOTILDA KOBZA | R | 92 Tallman St. |
| *4 | " | LILLIAN GAOUETTE | D | 106 Clifford St. |
| *5 | " | CHAS. E. FOURNIER | R | 189 Tinkham St. |
| *6 | " | MARION H. SUTTON | D | 374 North Front St. |

Deputies

| | | | |
|----|-----------|----------------------|------------------------|
| 1 | Warden | E. ANTONIO PICHETTER | 147 Tallman St. |
| 2 | Clerk | | |
| *3 | Inspector | MARY RAPA VERONA | R 182 Princeton St. |
| 4 | " | | |
| *5 | " | LILLIAN B. DAYTON | R 106 Tarkiln Hill Rd. |
| 6 | " | | |

WARD 1, PRECINCT B

Regular

| | | | | |
|----|-----------|---------------------|---|--------------------|
| *1 | Warden | W. F. D. LETHBRIDGE | R | 292 Coffin Ave. |
| *2 | Clerk | ELLEN BOWLER | D | 72 Hathaway St. |
| *3 | Inspector | ANDREW C. CONN | R | 139 Holly St. |
| 4 | " | MARIA DESJARDINS | D | 1566 Acushnet Ave. |
| *5 | " | DELIA J. GIRARD | R | 91 Bullard St. |
| *6 | " | R. DEL BLANCHETTE | D | 197 Nash Rd. |

Deputies

| | | | | |
|----|-----------|-------------------|---|------------------|
| *1 | Warden | AURO. BROUILLETTE | R | 146 Deane St. |
| 2 | Clerk | | | |
| *3 | Inspector | NOMA A. PERRAULT | R | 335 Ashley Blvd. |
| 4 | " | | | |
| *5 | " | MAE L. LEONARD | R | 76 Hathaway St. |
| 6 | " | | | |

WARD 1, PRECINCT C**Regular**

| | | | | |
|----|-----------|--------------------|---|--------------------|
| *1 | Warden | MICH. FITZPATRICK | D | 87½ Hathaway St. |
| *2 | Clerk | MARY E. McKENZIE | R | 116 Hathaway St. |
| *3 | Inspector | EMMA A. HATCH | D | 129 Belleville Rd. |
| *4 | " | ERNEST H. BOUCHER | R | 150 Deane St. |
| *5 | " | ANINA PLANTE | D | 58 Brewster St. |
| *6 | " | ADON. D. PERREAULT | R | 335 Ashley Blvd. |

Deputies

| | | | | |
|----|-----------|-------------------|---|-------------------|
| 1 | Warden | ROBERT J. McCANN | D | 193 Phillips Ave. |
| 2 | Clerk | JOHN PILKINGTON | R | 116 Hathaway St. |
| 3 | Inspector | | | |
| *4 | " | JOHN KELLEY | R | 370 Ashley Blvd. |
| 5 | " | | | |
| *6 | " | ETHEL ELLIS TAVES | R | 127 Arlington St. |

WARD 1, PRECINCT D**Regular**

| | | | | |
|----|-----------|--------------------|---|------------------|
| *1 | Warden | FRED. W. ROSCOW | D | 251 Ashley Blvd. |
| *2 | Clerk | ALFRED BOLTON | R | 331 Tinkham St. |
| *3 | Inspector | ELRISE DAVENPORT | D | 252 Nash Rd. |
| *4 | " | ALBINA C. BILODEAU | R | 506 Ashley Blvd. |
| *5 | " | ALMA J. TOUPIN | D | 192 Whitman St. |
| *6 | " | ELIZABETH A. WALSH | R | 276 Earle St. |

Deputies

| | | | | |
|----|-----------|-------------------|---|--------------------|
| *1 | Warden | FRIDOLIN SENFT | D | 251 Belleville Rd. |
| *2 | Clerk | ALICE R. MILLETTE | R | 306 Earle St. |
| 3 | Inspector | | | |
| *4 | " | BLANCHE LEDOUX | R | 318 Earle St. |
| 5 | " | | | |
| 6 | " | ALBERT ROSCOW | R | 332 Ashley Blvd. |

WARD 1, PRECINCT E**Regular**

| | | | | |
|----|-----------|----------------------|---|----------------------|
| *1 | Warden | JOSEPH Z. BOUCHER | R | 253 Collette St. |
| *2 | Clerk | PETER T. JEFFRIES | D | 318 Conduit St. |
| *3 | Inspector | MARTHA L. METCALF | R | 239 Tarkiln Hill Rd. |
| *4 | " | JOSEPH A. DEXTRAZED | | 156 Holly St. |
| *5 | " | MATTHEW TONGE | R | 63 Princeton St. |
| *6 | " | ERNEST. G. BOURASSAD | | 39 Central Ave. |

Deputies

| | | | | |
|---|-----------|------------------|---|-----------------|
| 1 | Warden | DOLOR A. HOULE | R | 171 Hadley St. |
| 2 | Clerk | | | |
| 3 | Inspector | LEONARD H. BLAIS | R | 154 Whitman St. |
| 4 | " | | | |
| 5 | " | | | |
| 6 | " | | | |

WARD 1, PRECINCT F**Regular**

| | | | | |
|----|-----------|-------------------|---|-------------------|
| *1 | Warden | HERBERT W. SUTTON | R | 374 No. Front St. |
| *2 | Clerk | DOROTHY COX | D | 464 Ashley Blvd. |
| *3 | Inspector | EDWARD W. SLEIGHT | R | 63 Branscomb St. |
| *4 | " | CLARA MEAL | D | 122 Whitman St. |
| *5 | " | EDITH JENKINSON | R | 59 Central Ave. |
| *6 | " | MARY FITZPATRICK | D | 87½ Hathaway St. |

Deputies

| | | | | |
|----|-----------|------------------|---|--------------------|
| 1 | Warden | WILLIAM BEAUMONT | R | 198 Nash Rd. |
| 2 | Clerk | | | |
| 3 | Inspector | LOUIS G. TURGEON | R | 1585 Acushnet Ave. |
| 4 | " | | | |
| *5 | " | BLANCHE MOQUIN | R | 115 Belleville Rd. |
| 6 | " | | | |

WARD 1, PRECINCT G**Regular**

| | | | | |
|----|-----------|--------------------|---|--------------------|
| *1 | Warden | PHILIAS GREGOIRE | R | 1566 Acushnet Ave. |
| *2 | Clerk | SARAH J. PARKINSON | D | 259 Ashley Blvd. |
| *3 | Inspector | DANIEL A. SPOONER | R | 3247 Acushnet Ave. |
| *4 | " | ANTOIN. BERGERON | D | 187 Hersom St. |
| *5 | " | VALERIE CHENEL | R | 17½ Fielding St. |
| *6 | " | FRED SLATER | D | 219 Shaw St. |
| *7 | " | MAE E. WASHBURN | R | 2443 Acushnet Ave. |
| *8 | " | BEATRICE FORGUE | D | 122 Clifford St. |

Deputies

| | | | | |
|----|-----------|-----------------|---|---------------|
| *1 | Warden | CATHERINE WALSH | R | 41 Covell St. |
| 2 | Clerk | | | |
| *3 | Inspector | D. MAILLOUX | R | 140 Query St. |
| 4 | " | | | |
| 5 | " | | | |
| 6 | " | | | |

WARD 1, PRECINCT H**Regular**

| | | | | |
|----|-----------|-------------------|---|--------------------|
| *1 | Warden | CHARLES K. LEWIN | R | 243 Wood St. |
| *2 | Clerk | GEORGE H. GIFFORD | D | 2453 Acushnet Ave. |
| *3 | Inspector | MARY G. F. DAVIS | R | 3837 Acushnet Ave. |
| *4 | " | KATH. M. O'BRIEN | D | 123 Hathaway St. |
| *5 | " | FRANK E. WASHBURN | R | 2443 Acushnet Ave. |
| *6 | " | ANTOINE GOBEIL | D | 1141 Joyce St. |
| *7 | " | ALBINI GALLANT | R | 129 Princeton St. |
| *8 | " | SADIE L. DOWNEY | D | 272 Church St. |

Deputies

| | | | | |
|----|-----------|---------------------|---|-----------------|
| *1 | Warden | LOUIS J. ROBITAILLE | R | 183 Harwich St. |
| 2 | Clerk | | | |
| 3 | Inspector | EVA WOOD | R | 255 Hersom St. |
| 4 | " | | | |
| 5 | " | FRANK S. LARONDA | R | 118 Bates St. |
| 6 | " | | | |

WARD 1, PRECINCT I**Regulars**

| | | | | |
|----|-----------|---------------------|---|--------------------|
| *1 | Warden | THOMAS BREWER | R | 4661 Acushnet Ave. |
| *2 | Clerk | JOHN E. COYLE | D | 87 Glennon St. |
| *3 | Inspector | ESTEL V. WESTGATE | R | 3925 Acushnet Ave. |
| *4 | " | LOUIS LAFONTAINE | D | 3914 Acushnet Ave. |
| *5 | " | DANIEL STOTT | R | 244 Phillips Ave. |
| *6 | " | THERESA P. FOURNIER | D | 207 Nash Rd. |

Deputies

| | | | | |
|----|-----------|-------------------|---|--------------------|
| *1 | Warden | MABEL A. MASTERA | R | 3691 Acushnet Ave. |
| *2 | Clerk | JOHN MULVEY | D | 125 Princeton St. |
| *3 | Inspector | MERTIE E. SPOONER | R | 3883 Acushnet Ave. |
| *4 | " | ROSARIO SAUCIER | D | 279 Earle St. |
| 5 | " | | | |
| 6 | " | | | |

WARD 2, PRECINCT A**Regular**

| | | | | |
|----|-----------|--------------------|---|---------------------|
| *1 | Warden | THOMAS F. LEWIN | R | 247 Cedar Grove St. |
| *2 | Clerk | STEPH. H. SULLIVAN | D | 253 Cedar Grove St. |
| 3 | Inspector | HAROLD J. VINCENT | R | 206 State St. |
| *4 | " | MAURICE H. RONAN | D | 243 State St. |
| 5 | " | KATHERINE CALNEN | R | 239 State St. |
| *6 | " | JOSEPHINE VALLIER | D | 268 No. Front St. |

Deputies

| | | | | |
|----|-----------|--------------------|---|--------------------|
| *1 | Warden | LEAFA M. HOBIN | R | 14 Studley St. |
| 2 | Clerk | CASIMIR ARENDT | D | 6 Bonneau Ct. |
| *3 | Inspector | JOHN I. PETTEY | R | 629 Cottage St. |
| *4 | " | NELLIE SIECZKOWSKA | D | 94 Beetle St. |
| *5 | " | ALDEAS BOURBEAU | R | 341 Coggeshall St. |
| 6 | " | | | |

WARD 2, PRECINCT B**Regular**

| | | | | |
|----|-----------|--------------------|---|--------------------|
| *1 | Warden | ERNEST S. DAVIGNON | R | 451 Coggeshall St. |
| *2 | Clerk | MARY E. SULLIVAN | D | 8 Clark St. |
| *3 | Inspector | GEORGE P. DUPRE | R | 346 Sawyer St. |
| *4 | " | ANNIE BANNON | D | 12 Studley St. |
| *5 | " | MARY A. QUINN | R | 237 State St. |
| *6 | " | KATHRYNE DENHAM | D | 62 Peckham St. |

Deputies

| | | | | |
|----|-----------|--------------------|---|-------------------|
| *1 | Warden | PHILIAS VALLIER | R | 268 No. Front St. |
| 2 | Clerk | | | |
| *3 | Inspector | WM. H. WHALLEY | R | 235 Austin St. |
| 4 | " | | | |
| 5 | " | PIERRE MANDEVILLER | | 2167 Purchase St. |
| 6 | " | | | |

WARD 2, PRECINCT C**Regular**

| | | | | |
|----|-----------|-------------------|---|-----------------|
| *1 | Warden | ARTHUR W. BARTLE | R | 5 Linden Court |
| *2 | Clerk | C. E. ROCKEFELLER | D | 42 Bullock St. |
| *3 | Inspector | FRANCIS A. LANG | R | 91 Penniman St. |
| *4 | " | ROSA MOQUIN | D | 102 Beetle St. |
| *5 | " | ANNA NOLAN | R | 10 Highland St. |
| 6 | " | S. H. ROCKEFELLER | D | 42 Bullock St. |

Deputies

| | | | | |
|----|-----------|-------------------|---|-----------------|
| *1 | Warden | MARGAR. RATCLIFFE | R | 11 McMurray Ct. |
| 2 | Clerk | HUGH J. FINNERTY | D | 1061 County St. |
| *3 | Inspector | MARGARET M. RONAN | R | 243 State St. |
| 4 | " | | | |
| *5 | " | NANCY C. HOLDEN | R | 958 County St. |
| 6 | " | | | |

WARD 2, PRECINCT D**Regular**

| | | | | |
|----|-----------|-------------------|---|----------------------|
| *1 | Warden | JAMES S. McGRATH | D | 71 Willow St. |
| *2 | Clerk | CAROLINE GRINNELL | R | 170 Willow St. |
| *3 | Inspector | CHRISTINE BARBER | D | 243 State St. |
| *4 | " | ANNA E. THERIEN | R | 102 Mt. Pleasant St. |
| *5 | " | LILLIAN KANE | D | 40 Vine St. |
| *6 | " | ALICE M. STARKIE | R | 105 Hazard St. |

Deputies

| | | | | |
|----|-----------|--------------------|---|---------------------|
| *1 | Warden | ARTHUR BERNARD | D | 18 Peckham St. |
| *2 | Clerk | WILLIAM J. RILEY | R | 536 Summer St. |
| *3 | Inspector | ALEXANDER GAGNON | D | 92 Reynolds St. |
| *4 | " | MARY E. RIMMER | R | 12 Mt. Pleasant Ln. |
| 5 | " | | | |
| *6 | " | WM. L. ST. CHARLES | R | 35 Peckham St. |

WARD 2, PRECINCT E**Regular**

| | | | | |
|----|-----------|---------------------|---|--------------------|
| *1 | Warden | ALFRED P. BERARD | R | 526 Summer St. |
| *2 | Clerk | ANNA I. GREEN | D | 553 Coggeshall St. |
| *3 | Inspector | JOHN SWINDLEHURST | R | 167 Richmond St. |
| *4 | " | JOHN J. PURCELL | D | 51 Vine St. |
| *5 | " | MARG. F. HUTCHINSON | R | 271 Austin St. |
| *6 | " | JOSEPH L. FORRESTER | D | 454 Sawyer St. |

Deputies

| | | | | |
|----|-----------|-------------------|---|------------------|
| *1 | Warden | ALPHON. G. HEBERT | R | 161 Adams St. |
| 2 | Clerk | | | |
| *3 | Inspector | AGNES M. DRISCOLL | R | 169 Penniman St. |
| *4 | " | JAMES J. CLARK | D | 104 Peckham St. |
| *5 | " | JOHN W. DIXON | R | 34 Reynolds St. |
| *6 | " | JOSEPH P. TAFFE | D | 75 Peckham St. |

MUNICIPAL REGISTER

WARD 2, PRECINCT F

Regular

| | | | | |
|----|-----------|-------------------|---|---------------------|
| *1 | Warden | MICHAEL J. HURLEY | D | 49 Vine St. |
| *2 | Clerk | T. M. CUNNINGHAM | R | 12 McMurray Ter. |
| *3 | Inspector | EDWARD M. MURPHY | D | 8 Glover St. |
| *4 | " | ALICE BARBER | R | 128 Clark St. |
| *5 | " | SAMUEL F. RIDING | D | 29 Myrtle St. |
| *6 | " | INA G. SOWLE | R | 73 Mt. Pleasant St. |
| *7 | " | ALICE M. REDDY | D | 65 Mt. Pleasant St. |
| *8 | " | JANE E. SYKES | R | 16 Highland St. |

Deputies

| | | | | |
|----|-----------|-------------------|---|------------------|
| 1 | Warden | | | |
| 2 | Clerk | | | |
| 3 | Inspector | | | |
| *4 | " | EDA SHAW | R | 144 Richmond St. |
| 5 | " | | | |
| *6 | " | JENNIE V. O'BRIEN | R | 27 Vine St. |

WARD 2, PRECINCT G

Regular

| | | | | |
|----|-----------|-------------------|---|--------------------|
| *1 | Warden | EDWARD MAYNARD | D | 239 Austin St. |
| *2 | Clerk | EUGENE W. SOUGNEZ | R | 518 Coggeshall St. |
| *3 | Inspector | ALICE M. CAWLEY | D | 18 Vine St. |
| *4 | " | ISABEL W. LAW | R | 210 Austin St. |
| *5 | " | LORETTA E. HURLEY | D | 49 Vine St. |
| *6 | " | MABEL I. CHASE | R | 581 Shawmut Ave |
| *7 | " | ELSIE L. BRAGA | D | 446 Summer St. |
| *8 | " | ALFRED TAYLOR | R | 37 Bullock St. |

Deputies

| | | | | |
|----|-----------|--------------------|---|------------------|
| 1 | Warden | JAMES E. MOONEY | D | 570 Shawmut Ave. |
| 2 | Clerk | | | |
| *3 | Inspector | FLORENCE M. BRIGGS | D | 68 Highland St. |
| *4 | " | HANNAH P. ROBINSON | R | 132 Clark St. |
| 5 | " | MARION E. FOLEY | D | 78 Highland St. |
| 6 | " | SARAH A. PIERCE | R | 9 Penniman St. |

WARD 3, PRECINCT A

Regular

| | | | | |
|----|-----------|--------------------|---|------------------|
| *1 | Warden | JOHN P. O'HARA | D | 129 Hillman St. |
| *2 | Clerk | EMMA M. CASWELL | R | 49 Smith St. |
| *3 | Inspector | DENNIS CONNOR | D | 134 Willis St. |
| *4 | " | MARY G. BABBITT | R | 130 Chestnut St. |
| *5 | " | ANNA G. RICKETSON | D | 42 Keen St. |
| *6 | " | CLARA E. McDERMOTT | R | 168 Campbell St. |

Deputies

| | | | | |
|----|-----------|-------------------|---|-----------------|
| 1 | Warden | | | |
| 2 | Clerk | MARY A. ARNOLD | R | 525 Cottage St. |
| 3 | Inspector | | | |
| 4 | " | MARY R. BUDD | R | 27 Milton St. |
| 5 | " | | | |
| *6 | " | SUSAN C. McALPINE | R | 18 Robeson St. |

WARD 3, PRECINCT B**Regular**

| | | | | |
|----|-----------|--------------------|---|-------------------|
| *1 | Warden | JAMES H. BAMFORD | R | 90 Merrimac St. |
| *2 | Clerk | MARY H. DOYLE | D | 1181 Pleasant St. |
| *3 | Inspector | GLADYS ALMOND | R | 90 Merrimac St. |
| *4 | " | KATHRYN E. DOYLE | D | 1181 Pleasant St. |
| *5 | " | ETTA ST. C. WRIGHT | R | 129 Sycamore St. |
| *6 | " | MARY M. COTTER | D | 137 Summer St. |

Deputies

| | | | | |
|----|-----------|----------------------|---|------------------|
| *1 | Warden | FLORA N. LOWRIE | R | 48 State St. |
| *2 | Clerk | STEPH. W. McKENZIE | D | 67 Foster St. |
| *3 | Inspector | MARY B. KANE | R | 384 Cottage St. |
| *4 | " | THOMAS J. O'CONNOR | D | 78 Hillman St. |
| *5 | " | J. H. McDONNELL, JR. | R | 144 Merrimac St. |
| 6 | " | | | |

WARD 3, PRECINCT C**Regular**

| | | | | |
|----|-----------|-------------------|---|------------------|
| *1 | Warden | PHILIP J. SHERMAN | R | 665 County St. |
| *2 | Clerk | JOHN C. CLARKE | D | 63 State St. |
| *3 | Inspector | ELIZ. M. JOHNSON | R | 8 Franklin St. |
| *4 | " | LIL. C. BRIGHTMAN | D | 76 Willis St. |
| *5 | " | SADIE H. DEXTER | R | 56 Campbell St. |
| *6 | " | ELIZ. C. HAGGERTY | D | 107 Chestnut St. |

Deputies

| | | | | |
|----|-----------|------------------|---|------------------|
| *1 | Warden | PATRICK J. WADE | R | 68 Walden St. |
| *2 | Clerk | ALBERT TECZAR | D | 42 Hazard St. |
| *3 | Inspector | ABBIE G. CASEY | R | 146 Sycamore St. |
| 4 | " | | | |
| *5 | " | MARY E. O'MALLEY | R | 511 Cottage St. |
| 6 | " | | | |

WARD 3, PRECINCT D**Regular**

| | | | | |
|----|-----------|--------------------|---|------------------|
| *1 | Warden | CHARLES L. DAVIS | R | 49 Maitland St. |
| *2 | Clerk | LAURA CULHANE | D | 299 Summer St. |
| *3 | Inspector | ALBERT WOODCOCK | R | 51 Locust St. |
| *4 | " | EMMA J. THOMAS | D | 344 Cedar St. |
| *5 | " | ELIZABETH M. YATES | R | 151 Merrimac St. |
| *6 | " | J. F. FITZSIMMONS | D | 41 Campbell St. |

Deputies

| | | | | |
|----|-----------|------------------|---|-------------------|
| *1 | Warden | DORA MOQUIN | R | 1596 Purchase St. |
| *2 | Clerk | ELIZ. McCORMICK | D | 241 Chestnut St. |
| *3 | Inspector | LENA B. CHAPMAN | R | 341 Cottage St. |
| *4 | " | MARY F. QUINN | D | 169 Merrimac St. |
| *5 | " | FLOR. M. WALLACE | R | 68 Spruce St. |
| 6 | " | ANNIE M. QUINN | D | 169 Merrimac St. |

WARD 3, PRECINCT E**Regular**

| | | | | |
|----|-----------|--------------------|---|-----------------|
| *1 | Warden | WILLIAM YORK | R | 125 Cedar St. |
| *2 | Clerk | JOHN J. BEGLEY | D | 32 Maitland St. |
| *3 | Inspector | AMELIA N. TRASK | R | 93 Sycamore St. |
| *4 | " | MARGARET T. RYAN | D | 5 Richmond St. |
| *5 | " | ELLA M. WHITESIDE | R | 40 Keen St. |
| *6 | " | DANIEL S. SULLIVAN | D | 135 Locust St. |

Deputies

| | | | | |
|----|-----------|--------------------|---|------------------|
| *1 | Warden | ANNA G. TURNER | R | 407 Park St. |
| 2 | Clerk | GRACE SLAVIN | D | 319 Cottage St. |
| *3 | Inspector | ELIZ. C. MORTON | R | 107 Sycamore St. |
| *4 | " | JAMES FANNING | D | 71 Sycamore St. |
| 5 | " | THOM. D. McDONNELL | R | 144 Merrimac St. |
| 6 | " | | | |

WARD 3, PRECINCT F**Regular**

| | | | | |
|----|-----------|--------------------|---|--------------------|
| *1 | Warden | FREDERICK W. BESSE | R | 12 Washington Ave. |
| 2 | Clerk | EDWARD C. JOHNSON | D | 36 Keen St. |
| *3 | Inspector | SUSAN L. TIMPERLEY | R | 77 Smith St. |
| *4 | " | ALBERT C. WELCH | D | 59 Sycamore St. |
| *5 | " | MARY J. CHACE | R | 278 Hillman St. |
| *6 | " | KATHRYN TABER | D | 20 Shawmut Ave. |

Deputies

| | | | | |
|----|-----------|------------------|---|------------------|
| *1 | Warden | EMMA E. MEDEIROS | R | 133 Willis St. |
| *2 | Clerk | ANNIE Y. ELLIS | D | 199 Cedar St. |
| *3 | Inspector | LORETTA S. RYAN | R | 167 Merrimac St. |
| 4 | " | ALFRED W. SYLVIA | D | 181 Smith St. |
| *5 | " | SUSAN F. WOOD | R | 117 Parker St. |
| 6 | " | MARY B. FANNING | D | 275 Hillman St. |

WARD 3, PRECINCT G**Regular**

| | | | | |
|----|-----------|---------------------|---|------------------|
| *1 | Warden | HERB. W. BRIGHTMAN | D | 76 Willis St. |
| *2 | Clerk | EDWARD H. CARTER | R | 690 Pleasant St. |
| *3 | Inspector | ADELLE BLACK | D | 56 Hill St. |
| *4 | " | NORA K. STOWELL | R | 319 Park St. |
| *5 | " | MILDRED B. WHALLEY | D | 165 Sycamore St. |
| *6 | " | ADEL. G. DeRAVIGNON | R | 39 Sycamore St. |

Deputies

| | | | | |
|----|-----------|--------------------|---|------------------|
| *1 | Warden | JOHN M. COLEMAN | D | 381 Hillman St. |
| *2 | Clerk | ALICE M. MILLER | R | 72 Foster St. |
| *3 | Inspector | MARY K. TREADUP | D | 161 Jenney St. |
| *4 | " | LILLIAN S. BURDING | R | 59 Milton St. |
| 5 | " | ARTHUR TRAVERS | D | 61 Lexington St. |
| 6 | " | | | |

WARD 4, PRECINCT A**Regular**

| | | | | |
|----|-----------|--------------------|---|-------------------|
| *1 | Warden | PHILIP S. BRIGGS | D | 483 County St. |
| *2 | Clerk | L. H. BUFFINGTON | R | 39 Pierce St. |
| *3 | Inspector | MARIA M. DUMOULIN | D | 782 Rockdale Ave. |
| *4 | " | J. ALFRED DUMOULIN | R | 782 Rockdale Ave. |
| *5 | " | ALICE E. GRAY | D | 285 Middle St. |
| *6 | " | LOUISE A. KNECHT | R | 451 Court St. |

Deputies

| | | | | |
|----|-----------|---------------------|---|---------------|
| *1 | Warden | MARIE MILLER | D | 24 High St. |
| *2 | Clerk | FRANK. B. SHURTLEFF | R | 59 Newton St. |
| 3 | Inspector | | | |
| *4 | " | OLIVE D. FAIRCHILD | R | 64 Park St. |
| 5 | " | | | |
| *6 | " | CHARLES C. WILCOX | R | 41 Arch St. |

WARD 4, PRECINCT B**Regular**

| | | | | |
|----|-----------|-------------------|---|------------------|
| *1 | Warden | OBED S. COWING | R | 559 Kempton St. |
| *2 | Clerk | ALBERT KENNEDY | D | 114 Chancery St. |
| *3 | Inspector | AL. J. BERTHIAUME | R | 339 Court St. |
| *4 | " | MARY R. ELLIS | D | 191 Kempton St. |
| *5 | " | SARAH B. STONE | R | 844 Pleasant St. |
| *6 | " | VICTORIA VOYER | D | 193 Middle St. |

Deputies

| | | | | |
|----|-----------|------------------|---|----------------|
| 1 | Warden | THOMAS DWYER | R | 152 North St. |
| 2 | Clerk | | | |
| *3 | Inspector | J. K. McCauley | R | 66 Mill St. |
| 4 | " | | | |
| *5 | " | HENRIE. HUMPHREY | R | 508 County St. |
| 6 | " | | | |

WARD 4, PRECINCT C**Regular**

| | | | | |
|----|-----------|------------------|---|-------------------|
| *1 | Warden | EDWARD B. GRAY | D | 288 Palmer St. |
| *2 | Clerk | E. P. BERTHIAUME | R | 680 Union St. |
| *3 | Inspector | NORA J. MEEHAN | D | 404 Mill St. |
| *4 | " | NELLIE F. OLIVER | R | 12 Atlantic St. |
| *5 | " | ELIZ. A. CARMODY | D | 399 Union St. |
| *6 | " | ETHEL M. MAHONEY | R | 773 Rockdale Ave. |

Deputies

| | | | | |
|----|-----------|--------------------|---|--------------------|
| *1 | Warden | DELLA M. BOURNE | D | 267 Cottage St. |
| *2 | Clerk | CHARLES E. CARROLL | R | 247 Middle St. |
| 3 | Inspector | WINFREDA F. HUDSON | D | 285 Middle St. |
| *4 | " | LENA R. CARROLL | R | 247 Middle St. |
| 5 | " | | | |
| *6 | " | ALMIRA A. SMITH | R | 35 So. Emerson St. |

WARD 4, PRECINCT D**Regular**

| | | | | |
|----|-----------|-------------------|---|-----------------|
| *1 | Warden | JOSEPH N. FINNI | R | 644 Kempton St. |
| *2 | Clerk | PETER J. RILEY | D | 53 Morgan St. |
| *3 | Inspector | EDWARD P. SADLER | R | 45 Emerson St. |
| *4 | " | JOHN CARROLL | D | 51 Liberty St. |
| *5 | " | MARY DRINKER CARR | R | 100 Morgan St. |
| *6 | " | V. A. BERTHIAUME | D | 339 Court St. |

Deputies

| | | | | |
|----|-----------|------------------|---|-----------------|
| 1 | Warden | PAULINE V. DUNN | R | 277 Court St. |
| *2 | Clerk | MARY A. JENNINGS | D | 33 Cedar St. |
| *3 | Inspector | HAROLD C. GROVER | R | 140 Francis St. |
| *4 | " | JOHN W. CARTER | D | 71 Cedar St. |
| 5 | " | | | |
| 6 | " | | | |

WARD 4, PRECINCT E**Regular**

| | | | | |
|----|-----------|-------------------|---|------------------|
| *1 | Warden | ANDREW TATE | D | 399 West Elm St. |
| *2 | Clerk | ROBERT F. BUNNELL | R | 16 Jonathan St. |
| *3 | Inspector | MARGARET M. BRADY | D | 79 Morgan St. |
| *4 | " | CLARA A. GAMMONS | R | 243 Palmer St. |
| *5 | " | MARY G. BROWN | D | 41 Pierce St. |
| *6 | " | EMMA M. DAVIS | R | 17 Chestnut St. |

Deputies

| | | | | |
|----|-----------|------------------|---|-------------------|
| *1 | Warden | ELIZ. A. GRIFFIN | D | 191 Arnold St. |
| *2 | Clerk | LAURA GLYNN | R | 781 Rockdale Ave. |
| 3 | Inspector | | | |
| *4 | " | HARRY STEELE | R | 121 Park St. |
| 5 | " | | | |
| *6 | " | MILDRED L. TRIPP | R | 17 Atlantic St. |

WARD 4, PRECINCT F**Regular**

| | | | | |
|----|-----------|-------------------|---|------------------|
| *1 | Warden | JOS. H. SCHOFIELD | R | 200 Tremont St. |
| *2 | Clerk | PETER F. MULKERNE | D | 93 Armour St. |
| *3 | Inspector | SAM. N. DONAGHY | R | 610 Union St. |
| *4 | " | JOSEPHINE TATE | D | 399 West Elm St. |
| *5 | " | ELEON. E. LINDSAY | R | 96 Tremont St. |
| *6 | " | BRADFORD D. TRIPP | D | 339 Court St. |

Deputies

| | | | | |
|----|-----------|-------------------|---|---------------------|
| *1 | Warden | MABEL C. McCARTHY | R | 353 Arnold St. |
| *2 | Clerk | DENNIS CROWLEY | D | 12 Lindsay St. |
| *3 | Inspector | JOHN J. KILBRIDE | R | 620 Kempton St. |
| 4 | " | | | |
| *5 | " | BERTHA ANDERSON | R | 343 West Morgan St. |
| 6 | " | | | |

WARD 4, PRECINCT G**Regular**

| | | | | |
|----|-----------|---------------------|---|-----------------|
| *1 | Warden | HERB. C. HAMMOND | R | 36 Florence St. |
| *2 | Clerk | ADAM C. HENDERSON | D | 484 Mill St. |
| *3 | Inspector | FREDERIC B. COOK | R | 14 Junior St. |
| 4 | " | FRED S. WORDELL | D | 115 Pierce St. |
| *5 | " | ETTA M. RICKETSON | R | 218 Tremont St. |
| *6 | " | ANNIE E. McISAACS | D | 213 Court St. |
| *7 | " | EMILY E. ABRAMS | R | 237 Middle St. |
| *8 | " | WM. E. C. CARPENTER | D | 403 Elm St. |

Deputies

| | | | | |
|----|-----------|------------------|---|-----------------|
| 1 | Warden | WM. E. CARROLL | R | 568 Kempton St. |
| 2 | Clerk | | | |
| *3 | Inspector | BEA. D. FOWLER | R | 50 James St. |
| 4 | " | | | |
| *5 | " | ANNIE E. DAFGARD | R | 83 Tremont St. |
| 6 | " | | | |

WARD 5, PRECINCT A**Regular**

| | | | | |
|----|-----------|--------------------|---|------------------|
| *1 | Warden | JOSEPH A. CRONIN | R | 240 Maple St. |
| *2 | Clerk | GILBERT J. FRANCIS | D | 496 Purchase St. |
| *3 | Inspector | VIRG. A. CLAUDINO | R | 69 Carroll St. |
| *4 | " | WELCOME FIDLER | D | 245 Purchase St. |
| *5 | " | EDWIN P. ASHWORTH | R | 15 Brownell St. |
| *6 | " | R. J. E. LARIVIERE | D | 71 Prospect St. |

Deputies

| | | |
|----|-----------|--|
| *1 | Warden | |
| 2 | Clerk | |
| 3 | Inspector | |
| 4 | " | |
| 5 | " | |
| 6 | " | |

WARD 5, PRECINCT B**Regular**

| | | | | |
|----|-----------|-------------------|---|------------------|
| *1 | Warden | ROBERT J. CURRY | D | 111 Grinnell St. |
| *2 | Clerk | STELLA VERA | R | 48 So. Sixth St. |
| *3 | Inspector | CHARLES C. NOURSE | D | 94 Acushnet Ave. |
| *4 | " | ANT. C. GREGOIRE | R | 236 County St. |
| *5 | " | WILLIAM H. CURRY | D | 343 Purchase St. |
| *6 | " | ABBIE F. ROGERS | R | 61 Bay St. |

Deputies

| | | | | |
|----|-----------|-----------------|---|-------------------|
| *1 | Warden | JOHN F. HUGHES | D | 329 Purchase St. |
| *2 | Clerk | JANE A. CHAPMAN | R | 318 Pleasant St. |
| *3 | Inspector | PRISCILLA SYKES | D | 555 Purchase St. |
| 4 | " | MANUEL BAPTISTE | R | 102 Acushnet Ave. |
| 5 | " | | | |
| *6 | " | EDWARD PINHEIRO | R | 127 Grinnell St. |

WARD 5, PRECINCT C**Regular**

| | | | | |
|----|-----------|-------------------|---|-------------------|
| *1 | Warden | MARY J. MEIN | R | 29 Bonney St. |
| *2 | Clerk | JOSEPH CARNEY | D | 34 Oak St. |
| *3 | Inspector | ALFRED L. BOTELHO | R | 403 Rockdale Ave. |
| *4 | " | WM. J. WALLACE | D | 125 Rockland St. |
| *5 | " | LUCY E. DIAS | R | 366 County St. |
| *6 | " | ELLEN W. ALLEN | D | 2 Warwick St. |

Deputies

| | | | | |
|----|-----------|-------------------|---|------------------|
| *1 | Warden | MARY MALONEY | R | 19 Fair St. |
| 2 | Clerk | | | |
| *3 | Inspector | RUTH S. R. MILLER | R | 109 South St. |
| *4 | " | IDA F. FRANCIS | D | 91 Acushnet Ave. |
| *5 | " | FLORENCE KERSHAW | R | 30 Cottage St. |
| 6 | " | | | |

WARD 5, PRECINCT D**Regular**

| | | | | |
|----|-----------|-------------------|---|------------------|
| *1 | Warden | WILLIAM T. JENNEY | R | 170 Grinnell St. |
| *2 | Clerk | CLIFTON P. TUELL | D | 341 Orchard St. |
| *3 | Inspector | MARY E. ABRAMS | R | 67 Russell St. |
| *4 | " | WILLIAM E. PERRY | D | 83 Forest St. |
| *5 | " | WILLIAM E. KELLEY | R | 158 Grinnell St. |
| *6 | " | MARY H. MacDONALD | D | 71 Bonney St. |
| *7 | " | ETHEL A. WASHBURN | R | 19 Sherman St. |
| *8 | " | MARGAR. A. DUPUIS | D | 32 Crapo St. |

Deputies

| | | | | |
|----|-----------|-------------------|---|----------------|
| *1 | Warden | MARY F. DUPORE | R | 84 Forest St. |
| 2 | Clerk | | | |
| 3 | Inspector | LEONORA KEANE | R | 41 Wing St. |
| 4 | " | | | |
| *5 | " | MARGARET T. NOYER | R | 75 Madison St. |
| 6 | " | | | |

WARD 5, PRECINCT E**Regular**

| | | | | |
|----|-----------|--------------------|---|-------------------|
| *1 | Warden | HENRY C. GRAY | D | 75 Dartmouth St. |
| *2 | Clerk | SAM SMITH | R | 300 County St. |
| *3 | Inspector | WILLIAM N. NELSON | D | 46 Oak St. |
| *4 | " | HELENA S. BARTHOLO | R | 78 Plymouth St. |
| *5 | " | ISABEL M. KENNEDY | D | 34 Oak St. |
| *6 | " | MABEL E. BRIGGS | R | 89 Washington St. |

Deputies

| | | | | |
|----|-----------|-------------------|---|-----------------|
| *1 | Warden | MELVIN I. BURNHAM | D | 126 Armour St. |
| *2 | Clerk | FRANCES T. WILSON | R | 23 Sherman St. |
| 3 | Inspector | | | |
| 4 | " | GRACE E. KEANE | R | 322 Clinton St. |
| 5 | " | | | |
| 6 | " | | | |

WARD 5, PRECINCT F**Regular**

| | | | | |
|----|-----------|--------------------|---|------------------|
| *1 | Warden | THOMAS F. GALLIGAN | R | 67 Ryan St. |
| *2 | Clerk | PETER F. SULLIVAN | D | 178 Maple St. |
| *3 | Inspector | WILLIAM SHENNAN | R | 27 Ocean St. |
| *4 | " | ETHEL A. HUGGINS | D | 15 Maplevue Ter. |
| *5 | " | IDA M. HOLMANS | R | 66 Cottage St. |
| *6 | " | ANGELINA FRANCIS | D | 91 Acushnet Ave. |
| *7 | " | HELEN M. DOANE | R | 326 Arnold St. |
| *8 | " | WILLIAM F. CARNEY | D | 371 County St. |

Deputies

| | | | | |
|----|-----------|--------------------|---|--------------------|
| 1 | Warden | SYLVES. L. MANNING | R | 183 Washington St. |
| 2 | Clerk | LAURA J. DIMOND | D | 140 Arnold St. |
| *3 | Inspector | ETHEL L. PITMAN | R | 139 Clinton St. |
| *4 | " | RUTH E. MAHON | D | 534 Kirby St. |
| *5 | " | VERA E. REAGAN | R | 581 Allen St. |
| 6 | " | | | |

WARD 5, PRECINCT G**Regular**

| | | | | |
|----|-----------|--------------------|---|------------------|
| *1 | Warden | HERBERT W. BLISS | D | 72 Rotch St. |
| *2 | Clerk | ALICE E. MILLER | R | 127 Maple St. |
| 3 | Inspector | JAMES J. PAYTON | D | 283 Allen St. |
| *4 | " | BERTHA B. CRUMLEY | R | 68 Grape St. |
| *5 | " | MILDRED R. BURNHAM | D | 126 Armour St. |
| *6 | " | ELIZ. D. HABICHT | R | 73 Russell St. |
| *7 | " | AGNES BALDWIN | D | 71 West St. |
| *8 | " | ELIZABETH WATSON | R | 20 Maplevue Ter. |

Deputies

| | | | | |
|----|-----------|--------------------|---|-------------------|
| 1 | Warden | JOSEPH C. SIMAS | D | 20 Elizabeth St. |
| *2 | Clerk | E. M. BLANCHARD | R | 223 Carroll St. |
| *3 | Inspector | JENNIE LEVY | D | 449 Rockdale Ave. |
| *4 | " | MILDRED P. CONNELL | R | 30 Plymouth St. |
| 5 | " | | | |
| 6 | " | ELIZA BURTON | R | 312 Maple St. |

WARD 6, PRECINCT A**Regular**

| | | | | |
|----|-----------|---------------------|---|------------------|
| *1 | Warden | JOHN McGLADDERY | D | 47 Briggs St. |
| *2 | Clerk | ETHEL LIVESEY | R | 59 Calumet St. |
| *3 | Inspector | ALEXINA C. GACHET | D | 47 Ashley St. |
| *4 | " | ESTEL M. FOURNIER | R | 186 Cove St. |
| *5 | " | ELIZ. A. LEADBETTER | D | 66 Capitol St. |
| *6 | " | ANNIE ENOS | R | 28 Katherine St. |

Deputies

| | | | | |
|----|-----------|------------------|---|---------------------|
| *1 | Warden | JOHN F. SILVA | D | 59 Acushnet Ave. |
| *2 | Clerk | WM. T. OPENSHAW | R | 680 So. First St. |
| 3 | Inspector | | | |
| *4 | " | ROSE ALBA DUBOIS | R | 24 Rodney Fr. Blvd. |
| 5 | " | | | |
| *6 | " | ADA WATERHOUSE | R | 6 Acushnet Ave. |

WARD 6, PRECINCT B**Regular**

| | | | | |
|----|-----------|--------------------|---|---------------------|
| *1 | Warden | JAMES V. RONAN | R | 29 Mosher St. |
| *2 | Clerk | THOM. BRETHERTON | D | 858 So. First St. |
| *3 | Inspector | AURELIA LEBAUT | R | 20 Margin St. |
| *4 | " | ANN DOWD | D | 800 So. First St. |
| *5 | " | MARG. M. TRIPANIER | R | 4 Social St. |
| *6 | " | ROBERT CROMPTON | D | 1233 Rod. Fr. Blvd. |

Deputies

| | | | | |
|----|-----------|-------------------|---|-------------------|
| *1 | Warden | CATHERINE NEAGUS | R | 82 Crapo St. |
| 2 | Clerk | S. L. EDMUNDSON | D | 2 Acushnet Blocks |
| 3 | Inspector | WILLIAM CONNULTY | R | 13 Ashley St. |
| 4 | " | | | |
| *5 | " | ELIZA. PILKINGTON | R | 10 Morton Ct. |
| 6 | " | | | |

WARD 6, PRECINCT C**Regular**

| | | | | |
|----|-----------|---------------------|---|--------------------|
| *1 | Warden | J. B. L. WATERHOUSE | R | 451 Rivet St. |
| *2 | Clerk | LILLIAN L. BOWEN | D | 109 Moss St. |
| *3 | Inspector | ELIZA F. BEDFORD | R | 190 Rod. Fr. Blvd. |
| *4 | " | BERTHA V. GATENBY | D | 44 Bourne St. |
| *5 | " | AGNES A. HYNES | R | 93 Valentine St. |
| *6 | " | SARAH E. HART | D | 195 Rivet St. |

Deputies

| | | | | |
|----|-----------|-------------------|---|-------------------|
| *1 | Warden | BERTHA L. THORLEY | R | 533½ Rivet St. |
| 2 | Clerk | JOHN HECNER | D | 431 So. Front St. |
| *3 | Inspector | EMILY PARKINSON | R | 649 Brock Ave. |
| 4 | " | FREDERICK DUPREY | D | 32 Gosnold St. |
| *5 | " | BEATRICE MAKIN | R | 27 Capitol St. |
| 6 | " | | | |

WARD 6, PRECINCT D**Regular**

| | | | | |
|----|-----------|--------------------|---|------------------|
| *1 | Warden | ARM. H. FOURNIER | R | 186 Cove St. |
| *2 | Clerk | W. J. McDONNELL | D | 465 Bolton St. |
| *3 | Inspector | STANISLAS BENJAMIN | R | 283 Rivet St. |
| *4 | " | ALIDA CADIEUX | D | 49 Salisbury St. |
| *5 | " | J. A. HEMINGWAY | R | 79 Swift St. |
| *6 | " | MARY MURPHY | D | 42 Dudley St. |

Deputies

| | | | | |
|----|-----------|--------------------|---|-----------------|
| *1 | Warden | ANNIE E. BARDSLEY | R | 124 Matthew St. |
| *2 | Clerk | MARY BARABE | D | 90 Purchase St. |
| *3 | Inspector | MARGARET NEEDHAM | R | 47 Fruit St. |
| 4 | " | RAY. F. WILLIAMS | D | 159 Bonney St. |
| *5 | " | CHARLOTTE A. CROSS | R | 411 Rivet St. |
| *6 | " | AGNES LIVESEY | D | 195 Crapo St. |

WARD 6, PRECINCT E**Regular**

| | | | | |
|----|-----------|-------------------|---|-------------------|
| 1 | Warden | ANTHONY GERARDI | D | 314 Rivet St. |
| *2 | Clerk | ARTHUR WOOLEY | R | 850 So. First St. |
| *3 | Inspector | JAMES J. M'GINNES | D | 44 Bourne St. |
| *4 | " | ELIZABETH LORD | R | 121 Moss St. |
| *5 | " | LEO E. J. CARNEY | D | 53 Ashley St. |
| *6 | " | AGNES K. DELANEY | R | 631 Brock Ave. |

Deputies

| | | | | |
|----|-----------|-----------------|---|-------------------|
| *1 | Warden | JAMES CONWAY | D | 172 Division St. |
| *2 | Clerk | JOHN C. BYK | R | 119 Mott St. |
| 3 | Inspector | | | |
| *4 | " | ANNIE E. HICKEY | R | 856 So. First St. |
| *5 | " | FRANK J. MEEKIN | D | 141 Division St. |
| 6 | " | RENE A. METHE | R | 73 County St. |

WARD 6, PRECINCT F**Regular**

| | | | | |
|----|-----------|-----------------|---|-------------------|
| *1 | Warden | OWEN J. DOWD | D | 800 So. First St. |
| *2 | Clerk | JOHN W. HOLGATE | R | 872 So. First St. |
| *3 | Inspector | HERBERT CONWAY | D | 126 David St. |
| *4 | " | LAURA DOYLE | R | 9 Viall St. |
| 5 | " | JOHN STETSON | D | 11 Welcome St. |
| *6 | " | ETHEL SEDDON | R | 154 Butler St. |

Deputies

| | | | | |
|----|-----------|--------------------|---|-------------------|
| *1 | Warden | RAY. F. WILLIAMS | D | 159 Bonney St. |
| *2 | Clerk | RACHEL A. HOLGATE | R | 872 So. First St. |
| 3 | Inspector | | | |
| *4 | " | ELIZA SIMPSON | R | 922 So. Water St. |
| 5 | " | | | |
| *6 | " | CAROLINE A. HEWITT | R | 568 Brock Ave. |

WARD 6, PRECINCT G**Regular**

| | | | | |
|----|-----------|--------------------|---|-------------------|
| *1 | Warden | NAPOL. GREGOIRE | R | 20 Nelson St. |
| *2 | Clerk | LUDGER LAVOIE | D | 57 Capitol St. |
| *3 | Inspector | ELIZABETH CHRISTIE | R | 18 Cleveland St. |
| *4 | " | MARY J. ARNETT | D | 224 Aquidneck St. |
| *5 | " | NELLIE BRIERLY | R | 50 Larch St. |
| *6 | " | AMY ADAMS | D | 83 Calumet St. |

Deputies

| | | | | |
|----|-----------|-------------------|---|------------------|
| 1 | Warden | DIANE B. FAUTEUX | R | 1025 Cove Rd. |
| 2 | Clerk | JOSEPH McALLISTER | D | 1743 Rodney St. |
| 3 | Inspector | LUCY FLANAGAN | R | 73 Willard St. |
| *4 | " | ALICE ROBERTS | D | 11 Cleveland St. |
| 5 | " | MARGARET JEFFRIES | R | 73 Dunbar St. |
| *6 | " | AGNES LANGLOIS | D | 49 Salisbury St. |

WARD 6, PRECINCT H**Regular**

| | | | | |
|----|-----------|-------------------|---|-------------------|
| *1 | Warden | JAMES KINCAID | D | 119 Ruth St. |
| *2 | Clerk | GREEN. PENDELBURY | R | 113 Division St. |
| *3 | Inspector | ARTHUR THEBERGE | D | 988 So. Water St. |
| *4 | " | MILD. N. DONNELLY | R | 114 Norman St. |
| 5 | " | JANE V. WORDEN | D | 65 Lucas St. |
| *6 | " | ARZELIA FORTIER | R | 866 Brock Ave. |
| *7 | " | MARY E. O'DONNELL | D | 60 Rodney St. |
| *8 | " | BEATRICE HESFORD | R | 733 Brock Ave. |

Deputies

| | | | | |
|----|-----------|------------------|---|------------------|
| 1 | Warden | | | |
| 2 | Clerk | | | |
| *3 | Inspector | LEO F. WILLIAMS | D | 17 Social St. |
| *4 | " | PHOEBE A. NEWTON | R | 34 Willard St. |
| 5 | " | | | |
| *6 | " | P. M. VERCAMMEN | R | 53 Roosevelt St. |

WARD 6, PRECINCT I**Regular**

| | | | | |
|----|-----------|--------------------|---|--------------------|
| *1 | Warden | JAMES H. SIMPSON | R | 922 So. Water St. |
| *2 | Clerk | JOHN B. ROBERTS | D | 16 Lucas St. |
| *3 | Inspector | JOHN D. TOWNLEY | R | 25 Mosher St. |
| *4 | " | MARY E. STANTON | D | 83 Rodney St. |
| *5 | " | WILLIAM LAMBERT | R | 213 Aquidneck St. |
| *6 | " | CHRIST. KINNERY | D | 104 Butler St. |
| *7 | " | MARG. BLACKLEDGE | R | 37 Oaklawn St. |
| *8 | " | ADELARD J. PARADIS | D | 591 So. Second St. |

Deputies

| | | | | |
|----|-----------|-------------------|---|-----------------|
| 1 | Warden | WILLIAM B. CROSS | R | 78 Willard St. |
| *2 | Clerk | ROBERT H. ADAMS | D | 84 Bellevue St. |
| *3 | Inspector | ANNIE V. SULLIVAN | R | 19 Woodlawn St. |
| 4 | " | | | |
| *5 | " | JOHN D. SYLVIA | R | 167 Conuty St. |
| 6 | " | | | |

WARD LINES

CITY OF NEW BEDFORD,

IN BOARD OF ALDERMEN,

December 23, 1914.

ORDERED, That in conformity with the Revised Laws of Massachusetts, and under authority of Chapter 676 of the Acts of the Legislature in the year 1914, the several wards of the city be and they hereby are divided and established according to the following described lines, said division and designation to take effect as prescribed by Section 4 of said Chapter 676 of 1914.

Ward One—All that portion of the city lying north and east of a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven, and drawn through the middle of Sawyer Street to the westerly line of the location of the Old Colony Railroad; thence northerly and westerly in that line and in the southerly line of the Watuppa Branch of the Old Colony Railroad to the line between the City of New Bedford and the Town of Dartmouth.

Ward Two—All that portion of the city lying between a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and drawn through the middle of the following streets, namely: Wamsutta, Purchase, Austin, County, Hazard, Summer, Roberson and the last named line extended to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and drawn through the middle of Sawyer Street to the westerly line of the location of the Old Colony Railroad; thence northerly and westerly in that line and in the southerly line of the Watuppa Branch of the Old Colony Railroad to the line between the City of New Bedford and the Town of Dartmouth.

Ward Three—All that portion of the city lying between a line beginning at a point in the Acushnet River at the line between the City of New Bedford and the Town of Fairhaven, and passing north of Popes and Fish Islands, and thence through the middle line of the following streets, namely: North, Newton, Mill and Kempton to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and drawn through the middle of the following streets, namely Wamsutta, Purchase, Austin, County, Hazard, Summer, Roberson, and the last named line extended to the line between the City of New Bedford and the Town of Dartmouth.

Ward Four—All that portion of the city lying between a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven, and passing south of Popes and Fish Islands, and thence through the middle of the following streets, namely: Walnut, County and Arnold, to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven passing north of Popes and Fish Islands, and thence through the middle line of the following streets, namely North, Newton, Mill and Kempton to the line between the City of New Bedford and the Town of Dartmouth.

Ward Five—All that portion of the city lying between a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and passing north of Palmers Island; thence through the middle of the following streets, namely: Potomska, Purchase, Thompson, Bonney and Rockland; thence westerly across the Rural Cemetery and through the middle of Winterville Road to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven, and passing south of Popes and Fish Islands, and thence through the middle of the following streets, namely: Walnut, County and Arnold, to the line between the City of New Bedford and the Town of Dartmouth.

Ward Six—All that portion of the city lying south of a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and passing north of Palmers Island; thence through the middle of the following streets, namely: Potomska, Purchase, Thompson, Bonney and Rockland; thence westerly across the Rural Cemetery and through the middle of Winterville Road to the line between the City of New Bedford and the Town of Dartmouth.

In Board of Aldermen, Dec. 23, 1914. Adopted and sent down for concurrence.

In Common Council, Dec. 23, 1914. Concurred.

Presented to and approved by the Mayor, Dec. 24, 1914.

A true copy, attest:

W. H. B. REMINGTON, City Clerk.

EXTRACT FROM LAW.

Section 4 of Chapter 676 of the Acts of 1914, entitled "An Act relative to the re-division of cities into wards and voting precincts," is as follows:

Chapter 676, Acts 1914.

"Section 4. Said Chapter eight hundred and thirty-five is hereby further amended by striking out section two hundred and nineteen and inserting in place thereof the following new section: Section 219. For all elections held prior to the annual state primary in the second year following a re-division of a city into wards, and for the assessment of taxes prior to such time, the wards as existing prior to such re-division shall continue, and for such purposes the election officers shall be appointed and hold office, and voting lists shall be prepared, and all other things required by law shall be done as if no such re-division had been made. For all other purposes, the new division shall take effect on the thirty-first day of December of the year when it is made."

W. H. B. REMINGTON, City Clerk.

PRECINCT LINES

1929.

IN BOARD OF ALDERMEN

March 14, 1929

ORDERED,—that the several wards of the city be and they hereby are divided into precincts in accordance with the provisions of General Laws, Chapter 54, Section 2, as amended; that said precincts hereby are established as of April 1, 1929, as hereinafter described.

WARD ONE

Precinct 1A—All that part of Ward One included within the following described lines, viz.; Beginning at a point in the Acushnet River at the easterly end of Sawyer street, thence through the center lines of Sawyer street, Purchase street, Deane street and Deane street extended to the Acushnet River.

Precinct 1B—All that part of Ward One included within the following described lines, viz; Beginning at a point in the Acushnet River in the centre line of Deane street extended thence by said line and the centre lines of Deane street, Purchase street, the Old Colony Railroad location, Collette street and Collette street extended to the Acushnet River.

Precinct 1C—All that part of Ward One included within the following described lines, viz.; Beginning at a point in the Acushnet River in the centre line of Collette street extended, thence by said line, the centre lines of Collette street, the Old Colony Railroad location to a point in the centre line of Tinkham street extended westerly, thence by said line, the centre line of Tinkham street and Tinkham street extended easterly to the Acushnet River.

Precinct 1D—All that part of Ward One included within the following described lines, viz.; Beginning at a point in the Acushnet River in the centre line of Tinkham street extended, thence by said line, the centre line of Tinkham street and Tinkham street extended westerly, the Old Colony Railroad location to a point in the centre line of Belleville road extended westerly, thence by said line, the centre line of Belleville road and Belleville road extended easterly to the Acushnet River.

Precinct 1E—All that part of Ward One included within the following described lines, viz.; Beginning at a point in the Acushnet River in the centre line of Belleville road extended, thence by said line, the centre line of Belleville road and Belleville road extended westerly to the Old Colony Railroad location, thence southerly by said Railroad location and the centre line of Purchase street to the Watuppa branch of the Old Colony Railroad location, thence northerly and westerly by said centre line of Purchase street and the Watuppa branch of the Old Colony Railroad location to the boundary line between the City of New Bedford and the Town of Dartmouth, thence by said boundary

line to the centre line of Plainville road, and thence by the centre lines of Plainville road and Tarkiln Hill road to the Old Colony Railroad location, thence southerly by said Railroad location to a point in the centre line of Shaw street extended westerly, thence by said line and the centre lines of Shaw street, Acushnet avenue, Hatch street and Hatch street extended easterly to the Acushnet River.

Precinct 1F—All that part of Ward One included within the following described lines, viz.; Beginning at a point in the Acushnet River in the centre line of Hatch street extended, thence by said line, the centre lines of Hatch street, Acushnet avenue, Shaw street and Shaw street extended westerly to the Old Colony Railroad location, thence by said Railroad location to a point in the centre line of Carlisle street extended westerly, thence by said line, the centre line of Carlisle street to Brooklawn Park, across said Park to the centre line of Perry street, and thence by the centre line of Perry street and Perry street extended easterly to the Acushnet River.

Precinct 1G—All that part of Ward One included within the following described lines, viz.; Beginning at a point in the Acushnet River in the centre line of Perry street extended, thence by said line, the centre line of Perry street to Brooklawn Park, across said Park to the centre line of Carlisle street, thence by the centre line of Carlisle street and Carlisle street extended westerly to the Old Colony Railroad location, thence by said Railroad location, the centre lines of Tarkiln Hill road, Park avenue, Ashley boulevard, Hersom street, Acushnet avenue, Truro street and Truro street extended easterly to the Acushnet River.

Precinct 1H—All that part of Ward One included within the following described lines, viz.; Beginning at a point in the Acushnet River in the centre line of Truro street extended, thence by said line, the centre lines of Truro street, Acushnet avenue, Hersom street, Ashley boulevard, Park avenue, Tarkiln Hill road and Plainville road to the boundary line between the City of New Bedford and the Town of Dartmouth, thence by said boundary line to the point where the New Bedford, Dartmouth and Freetown boundaries meet, thence by the Freetown boundary line to the Old Colony Railroad location and by said Railroad location and the centre lines of Lynn street, Lowell street, Appleton street and Lloyd street to the line between the City of New Bedford and the Town of Acushnet.

Precinct 1I—All that part of Ward One lying within the following described lines, viz.; Beginning at a point in the line between the City of New Bedford and the Town of Acushnet, thence by the centre lines of Lloyd street, Appleton street, Lowell street and Lynn street to the Old Colony Railroad location, thence by said Railroad location to the line between the City of New Bedford and the Town of Freetown, thence by said Freetown line to the line between the City of New Bedford and the Town of Acushnet, and thence by said Acushnet line to the centre line of Lloyd street.

WARD TWO

Precinct 2A—All that part of Ward Two included within the following described lines, viz.; Beginning at a point in the Acushnet River in the centre line of Wamsutta street extended, thence by said line and the centre lines of Wamsutta street, Acushnet avenue, Cedar Grove street, Ashley boulevard, and Sawyer street to the Acushnet River.

Precinct 2B—All that part of Ward Two included within the following described lines, viz.; The centre lines of Wamsutta street, Purchase street, Austin street, County street, Linden street, County street, Purchase street, Sawyer street, Ashley boulevard, Cedar Grove street and Acushnet avenue.

Precinct 2C—All that part of Ward Two included within the following described lines, viz.; The centre lines of Hazard street, Summer Street, Penniman street, County street, Linden street and County street.

Precinct 2D—All that part of Ward Two included within the following described lines, viz.; The centre lines of Penniman street, Summer street and Summer street extended to the Old Colony Railroad location, the Old Colony Railroad location, and the centre lines of Purchase and County streets.

Precinct 2E—All that part of Ward Two included within the following described lines, viz.; The centre lines of Robeson street, Richmond street, Mt. Vernon street and Summer street.

Precinct 2F—All that part of Ward Two included within the following described lines, viz.; The centre lines of Mt. Vernon street, Shawmut avenue, the Watuppa branch of the Old Colony Railroad location to a point in the centre line of Summer street extended northerly, thence by said line, and the centre line of Summer street.

Precinct 2G—All that part of Ward Two included within the following described lines, viz.; The centre line of Robeson street and the centre line of Robeson street extended westerly to the line between the City of New Bedford and the Town of Dartmouth, thence northerly by said boundary line, the Watuppa branch of the Old Colony Railroad location, and the centre lines of Shawmut avenue, Mt. Vernon street and Richmond street.

WARD THREE

Precinct 3A—All that part of Ward Three included within the following described lines, viz.; Beginning at a point in the Acushnet River in the centre line of North street, thence through the centre lines of North street, Hill street, Hillman street, State street, Willis street, State street, across the Common to the centre line of State street and by the centre lines of State street, Austin street, Purchase street, Wamsutta street and Wamsutta street extended easterly to the Acushnet River.

Precinct 3B—All that part of Ward Three included within the following described lines, viz.; The centre lines of North street, County street, Austin street, State street, across the Common to

the centre line of State street and by the centre lines of State street, Willis street, State street, Hillman street, and Hill street.

Precinct 3C—All that part of Ward Three included within the following described lines, viz.; The centre lines of North street, Chestnut street, Robeson street, Summer street, Hazard street and County street.

Precinct 3D—All that part of Ward Three included within the following described lines, viz.; The centre lines of North street, Cedar street, Robeson street and Chestnut street.

Precinct 3E—All that part of Ward Three included within the following described lines, viz.; The centre lines of North street, Chancery street, Robeson street and Cedar street.

Precinct 3F—All that part of Ward Three included within the following described lines, viz.; The centre lines of North street, Newton street, Mill street, Liberty street to a point in the centre line of Robeson street extended westerly across Oak Grove Cemetery, thence easterly by said line and the centre lines of Robeson street and Chancery street.

Precinct 3G—All that part of Ward Three included within the following described lines, viz.; The centre lines of Mill street and Kempton street to the line between the City of Nw Bedford and the Town of Dartmouth, thence northerly by said boundary line to a point in the centre line of Robeson street extended westerly, thence by said line and the centre line of Liberty street.

WARD FOUR

Precinct 4A—All that part of Ward Four included within the following described lines, viz.; Beginning at a point in the Acushnet River in the centre line of Walnut street extended, thence by said line and the centre lines of Walnut street, Seventh street, Union street, Eighth street, Elm street, County street and North street to the Acushnet River.

Precinct 4B—All that part of Ward Four included within the following described lines, viz.; The centre lines of Walnut street, County street, Arnold street, Cottage street, North street, County street, Elm street, Eighth street, Union street, and Seventh street.

Precinct 4C—All that part of Ward Four included within the following described lines, viz.; The centre lines of Arnold street, Chancery street, North street and Cottage street.

Precinct 4D—All that part of Ward Four included within the following described lines, viz.; The centre lines of Arnold street, Ocean street, Union street, Newton street, North street and Chancery street.

Precinct 4E—All that part of Ward Four included within the following described lines, viz.; The centre lines of Arnold street, Armour street, Court street, Florence street, Mill street, Newton street, Union street and Ocean street.

Precinct 4F—All that part of Ward Four included within the following described lines, viz.; The centre lines of Arnold street,

Reed street, Kempton street, Beech street, Mill street, Florence street, Court street and Armour street.

Precinct 4G—All that part of Ward Four included within the following described lines, viz.; The centre line of Arnold street and Arnold street extended westerly to the line between the City of New Bedford and the Town of Dartmouth, thence northerly by said boundary line to the centre line of Kempton street, thence by the centre lines of Kempton street, Mill street, Beech street, Kempton street and Reed street.

WARD FIVE

Precinct 5A—All that part of Ward Five included within the following described lines, viz; Beginning at a point in the Acushnet River in the centre line of Potomska street extended, thence by said line and the centre lines of Potomska street, Purchase street, Thompson street, County street, Pleasant street, Walnut street and Walnut street extended easterly to the Acushnet River.

Precinct 5B—All that part of Ward Five included within the following described lines, viz.; The centre lines of Thompson street, Bonney street, Rockland street, Orchard street, Grinnell street, Pleasant street and County street.

Precinct 5C—All that part of Ward Five included within the following described lines, viz.; The centre lines of Grinnell street, Orchard street and Orchard street extended from Allen to Bedford streets, Orchard street, Arnold street, County street, Walnut street and Pleasant street.

Precinct 5D—All that part of Ward Five included within the following described lines, viz.; The centre line of Rockland street to Dartmouth street, thence by the south boundary of Ward Five to a point in the centre line of Lewis street extended southerly, thence by said line and the centre lines of Lewis street, Grape street, Page street, Allen street and Orchard street.

Precinct 5E—All that part of Ward Five included within the following described lines, viz.; The centre lines of Allen street, Page street, Hawthorn street, Tremont street, Arnold street, Orchard street and Orchard street extended easterly to Allen street.

Precinct 5F—All that part of Ward Five included within the following described lines, viz.; Beginning at a point in the south boundary line of Ward Five in the centre line of Lewis street extended southerly, thence by said boundary line to a point in the centre line of Brownell street extended southerly, thence by said line and the centre lines of Brownell street, Hawthorn street, Rotch street, Arnold street, Tremont street, Hawthorn street, Page street, Grape street, Lewis street and Lewis street extended southerly.

Precinct 5G—All that part of Ward Five included within the following described lines, viz.: Beginning at a point in the south

boundary line of Ward Five in the centre line of Brownell street extended southerly, thence by said boundary line and the centre line of Winterville road to the line between the City of New Bedford and the Town of Dartmouth, thence northerly by said boundary line to a point in the centre line of Arnold street extended westerly, thence by said line and the centre lines of Arnold street, Rotch street, Hawthorn street, Brownell street and Brownell street extended southerly.

WARD SIX

Precinct 6A—All that part of Ward Six included within the following described lines, viz.; Beginning at a point at the end of Clarks Point in the centre line of Brock avenue extended southerly, thence by said line and the centre lines of Brock avenue and Rodney street to the Acushnet River.

Precinct 6B—All that part of Ward Six included within the following described lines, viz.; Beginning at a point at the end of Clarks Point in the centre line of Brock avenue extended southerly, thence by said line and the centre lines of Brock avenue, Woodlawn street and Woodlawn street extended westerly to Clarks Cove.

Precinct 6C—All that part of Ward Six included within the following described lines, viz.; Beginning at a point in the Acushnet River in the centre line of Rodney street, thence by the centre lines of Rodney street, Brock avenue, Woodlawn street and Woodlawn street extended westerly to Clarks Cove; beginning again at a point in Clarks Cove in the centre line of Warren street extended westerly, thence by said line and the centre lines of Warren street, Brock avenue and Ruth street to the Acushnet River.

Precinct 6D—All that part of Ward Six included within the following described lines, viz.; Beginning at a point in the Acushnet River in the centre line of Ruth street, thence by the centre lines of Ruth street, Brock avenue, Warren street and Warren street extended westerly to Clarks Cove; beginning again at a point in Clarks Cove in the centre line of County street, thence by the centre lines of County street and Cove street to the Acushnet River.

Precinct 6E—All that part of Ward Six included within the following described lines, viz.; Beginning at a point in the Acushnet River in the centre line of Cove street, thence by the centre lines of Cove street, County street, Thompson street, Purchase street, Potomska street and Potomska street extended easterly to the Acushnet River.

Precinct 6F—All that part of Ward Six included within the following described lines, viz.; Beginning at a point in Clarks Cove in the centre line of Crapo street, thence by the centre lines of Crapo street, Thompson street and County street to Clarks Cove.

Precinct 6G—All that part of Ward Six included within the following described lines, viz.: Beginning at a point in Clarks Cove in the line between the City of New Bedford and the Town of Dartmouth, thence by said line and the centre lines of Hemlock street, Rockland street, Bonney street, Thompson street and Crapo street to Clarks Cove.

Precinct 6H—All that part of Ward Six included within the following described lines, viz.: Beginning at a point in the boundary line between the City of New Bedford and the Town of Dartmouth in the centre line of Hemlock street, thence by said boundary line to the north boundary line of Ward Six, thence by said north boundary line of Ward Six through the centre lines of Winterville road and Rockland street, and thence by the centre line of Hemlock street.

IN BOARD OF ALDERMEN,

March 14, 1929.

Adopted,

RODOLPHUS A SWAN, City Clerk.

Presented to the Mayor for approval March 18, 1929.

RODOLPHUS A SWAN, City Clerk.

Approved March 18, 1929.

OSCAR D. KELLEHER, Acting Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

THIRD ANNUAL REPORT
OF THE
BOARD OF APPEALS

ESTABLISHED BY THE BUILDING
REGULATIONS

OF THE
CITY OF NEW BEDFORD



For the Year 1928

1929
BRADBURY-WARING, INC.
Printers

Annual Report of the Board of Appeals

City of New Bedford,

January 1, 1929.

To the City Council of the City of New Bedford.

Gentlemen :

In compliance with section 155 of the building regulations, the Board of Appeals respectfully submits the following report of its doings and expenses for the year 1928.

Meetings and public hearings have been held regularly on the first and third Wednesdays of each month, and forty-nine cases have been considered, as follows:—

26 appeals for variances granted,

1 appeal for variance granted in part,

3 appeals for variance granted with conditions,

10 appeals for variance dismissed,

2 appeals for variance withdrawn,

7 consents for alterations to non-conforming buildings granted,
or in all 49 cases.

In 1926, 73 cases were considered, and in 1927 95 cases, making a total of 217 cases that have been acted upon by the Board of Appeals in its three years of existence.

As none of the cases decided have been taken to the courts for review, while in many the petitioners have acknowledged the fairness of the decisions, it would appear that the Board is interpreting the terms of the zoning ordinance in a rational manner and with fairness to all.

BOARD OF APPEALS

The smaller number of petitions received this year is probably due to two causes, first, the smaller number of buildings erected, and second, the better understanding on the part of the public of the terms and intent of the zoning ordinance itself.

The expenses of the board for the fiscal year ending November 30, 1928, were as follows:

| | |
|--|------------|
| Appropriation | \$2,700.00 |
| Administration and clerical work | \$2,432.85 |
| Advertising | 51.63 |
| Annual report | 18.00 |
| Postage | 65.40 |
| Printing and stationery | 38.00 |
| Publications | 3.15 |
| Photography | 4.07 |
| <hr/> | |
| Total expenses | \$2,613.10 |
| <hr/> | |
| Balance | \$86.90 |

Respectfully submitted,

WILLIAM RITCHIE, Chairman,
LESTER S. CORNELL,
JAMES F. COLLINS,
GEORGE T. SCHULER,
NAT C. SMITH.

BOARD OF APPEALS

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

January 24, 1929.

Received, ordered printed in the city documents, and
sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

January 24, 1929.

Concurred.

RUTH G. HILTON,

Clerk.

ANNUAL REPORT

OF THE

Committee on Bath Houses

OF THE

CITY OF NEW BEDFORD
MASSACHUSETTS

For the Season ending September 30, 1928



1929
Bradbury-Waring, Inc.
Printers

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

December 27, 1928.

Received, placed on file, and ordered printed in city documents. Sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

December 27, 1928.

Concurred.

RUTH G. HILTON,

Clerk.

Report of the Committee on Bath Houses

New Bedford, Mass.

December 10, 1928.

To the City Council,

Gentlemen:—

The Committee on Bath Houses herewith presents a report for the year 1928.

FINANCIAL STATEMENT

Appropriation\$9,000.00

Expenses:

| | |
|--------------------------------|----------|
| Advertising and Printing | \$ 70.13 |
| Equipment and Supplies | 1,183.33 |
| Laundry | 375.80 |
| Lighting | 77.05 |
| Suits | 18.60 |
| Telephone | 58.85 |
| Water | 174.00 |
| Miscellaneous | 112.50 |

\$2,070.26

Payrolls\$6,913.33

\$8,983.59

Unexpended balance\$ 16.41

COMPARATIVE TABLE

| | |
|-----------------------------|------------|
| Total expenses | \$8,983.59 |
| Total receipts: | |
| Fees | \$4,044.85 |
| Concession | 280.00 |
| | <hr/> |
| | \$4,324.85 |
| | <hr/> |
| Net cost of operation | \$4,658.74 |

The 1928 costs have decreased below the 1927 costs as shown in these figures:

PAYROLLS

| | |
|---------------------|------------|
| 1927 | \$7,150.87 |
| 1928 | 6,913.33 |
| | <hr/> |
| a decrease of | \$237.54 |

OTHER EXPENSES

| | |
|---------------------|------------|
| 1927 | \$2,190.79 |
| 1928 | 2,070.26 |
| | <hr/> |
| a decrease of | \$120.53 |

GROSS OPERATING COSTS

| | |
|---------------------|------------|
| 1927 | \$9,341.66 |
| 1928 | 8,983.59 |
| | <hr/> |
| a decrease of | \$358.07 |

Fees in 1928 were increased over the 1927 receipts and this despite the fact that the two highest bids for the concession were withdrawn and the third bidder secured the location:

FEES

| | | |
|----------------------|------------|----------|
| 1927 | \$3,483.90 | |
| 1928 | 4,324.85 | |
| <hr/> | | |
| an increase of | | \$840.95 |

With decreased operating costs and increased receipts, the net cost of operation was reduced:

NET COST OF OPERATION

| | | |
|---------------------|------------|------------|
| 1927 | \$5,857.76 | |
| 1928 | 4,658.74 | |
| <hr/> | | |
| a decrease of | | \$1,199.02 |

The Committee on Bath Houses is very proud to report these figures and presents them as an evidence of the result of sincere effort to achieve lower costs of administration with no reduction in service offered.

The figures are increasingly interesting when the number of bathers is considered. Due to the unemployment in the textile industry, large numbers of people found time to seek recreation, and the unusually good weather induced many hundreds to seek the healthful pleasure of the Municipal Bathing Beach. Whole families availed themselves of the opportunities offered and a great public service was rendered by this department in providing recreation at a minimum cost.

Following is a table of bathers during the 1928 season:

| | |
|---------------------------|---------|
| Week ending June 10 | 200 |
| June 17 | 1,650 |
| June 24 | 165 |
| July 1 | 3,175 |
| July 8 | 9,500 |
| July 15 | 12,400 |
| July 22 | 16,100 |
| July 29 | 8,200 |
| August 5 | 19,950 |
| August 12 | 5,200 |
| August 19 | 20,600 |
| August 26 | 4,400 |
| September 2 | 6,050 |
| September 8 | 605 |
| <hr/> | |
| Total | 108,195 |
| Total, 1927 | 62,118 |
| <hr/> | |
| Increase | 46,077 |

This, however, does not include the many other thousands who enjoyed the beach but did not enter the water.

The appropriation in 1928 was \$9,000, \$1,000 less than in 1927 and the smallest since 1921 when a similar amount was available. By application of every effort to "carry on" with this reduced appropriation, the year was closed with no outstanding bills.

The usual repairs of painting, oiling, caulking, etc. were done. The iron railing around the board walk has reached a stage where it is in a dangerous condition and public safety requires that the railing be renewed. Plans and specifications for this replacement were prepared this year but the estimated cost, with the decreased appropriation, made installation impossible.

The laundry was done by the Guild Linen Supply Co. who gave satisfactory service.

About 600 boys and girls were given instruction by the Red Cross Society, and the Committee has been glad to co-operate with them in giving instruction in swimming and the more advanced courses of life-saving.

The races were run off on the Saturday following Labor Day and there were more entrants and spectators than have ever been at a similar event at the Municipal Bath Houses. In the evening, a band concert and dancing on the pier were enjoyed by several thousands of people. The prizes for the races and the cost of the band were donated by friends of the Bath Houses who have generously expressed their appreciation of the service which this municipal department renders to the community.

The Committee refers to the consideration of the 1929 Bath House Committee a petition signed by 1255 residents of New Bedford for placing bulkheads and incidental construction necessary to extend the beach 300 feet to the south. Those familiar with the beach at the Municipal Bath Houses will realize how pitifully small is this sandy stretch to care for more than 100,000 bathers in a season. The cost of this bulkhead need not be excessive but a reasonable expenditure for this work would return generous dividends in health and pleasure, and the 1928 Committee urges that advantage be taken of New Bedford's natural resources.

The Committee again recommends that provision be made for replacing the iron railing around the board walk. The safety of the users, particularly the children, require that the railing be renewed. A fall from the walk, through the railing to the beach, might result in a permanent injury and cause great suffering.

The Committee endorses and approves the recommendations of the superintendent contained in his report which is made a part of this report.

The Committee takes this opportunity to express its appreciation of the efficient service rendered by the superintendent, William E. Foster. By his own initiative and by his co-operation with the desires of the Committee, Mr. Foster has succeeded in administering the affairs at the Bath Houses in a manner to keep within the decreased appropriation despite a greatly increased patronage. And the Committee extends its thanks to the members of the staff for their support and helpfulness.

The Committee of 1928 extends to the Committee of 1929 its best wishes and an assurance of pleasure in performance of the tasks which come before it.

For the Committee,

THOMAS HARRY MARGESON,

Chairman.

December 17, 1928.

To the Committee on Bath Houses.

Gentlemen :

I respectfully submit herewith my report as Superintendent of the Municipal Bath Houses for the 1928 season and year.

The same staff of assistants was employed this year as last year. On June 7th, Arthur Wooley was forced to leave, due to illness, and, on August 10th, Arthur Morgan found that he was not able to work longer. Neither returned to the Bath Houses during the season. These places were filled from time to time, as the occasion required, but no permanent appointments were made. With this smaller staff, increased patronage was served and I believe that this was made possible by the system inaugurated last year of selling numbered and colored tickets and by restricting the use of the administration building to bathers, only. The payrolls amounted to \$6,913.33 as compared with \$7,150.87 in 1927. Of the amount above set forth, \$632 was paid to the Police Department for services of policemen, thus reducing the cost of actual service to \$6,281.33.

The season was opened on Saturday, June 16th and officially closed on September 8, 1928, a period of twelve weeks, although bathers were accommodated during the days preceding the opening and following the closing of the houses. In the season, 108,195 bathers used the conveniences offered.

The 1928 season was a most remarkable one. Due to the strike in the textile mills, thousands of people were free to avail themselves of the opportunities offered by the City of New Bedford and many many families came to the Bath Houses in the morning and spent the whole day on the beach, securing, for little or no expense, healthful recreation

and pleasure. For the first time in many years, too, the weather was favorable for bathing resorts and this, added to the unusual freedom of the residents of the city, increased tremendously the patronage at the Bath Houses. The number of bathers this year was nearly 50,000 greater than last year, and the number of persons who came to the Bath Houses for a longer or shorter stay was many thousands in excess of that figure.

The fee paid for the refreshment concession was smaller than usual, this year, \$280.00 being received.

Fees received from bathing privileges amounted to \$4,044.85 as compared with \$3,053.90 in 1927, an increase of \$990.95. This sum, even with the smaller fee received from the concession, made a total of \$4,324.85, an increase of \$840.95 over 1927.

Laundry costs were \$375.80, an increase of \$64.36 over last year, and is accounted for by the greatly increased number of bathers.

Incidental expenses were decreased \$120.53 from 1927's total cost, \$2,070.26 being spent in 1928.

The decreased incidental expenses and the lower payroll charges have reduced the gross operating cost to \$8,983.59 which is \$358.07 less than 1927. This is the remarkably low cost of 8 1/3 cents for each of the 108,195 bathers given service during the season, which sum includes in many instances rental of suit and towel with the contingent laundry, rent of boxes and houses; showers, first aid, etc.

The increase in fees reduces the net operating cost of the Bath Houses for 1928 to \$4,658.74, a net cost to the city of 4 1/3-cents for each bather.

I am very proud to be able to report the above figures and take this opportunity to thank the members of the staff

for their loyalty and co-operation in my efforts to reduce to the smallest possible cost the necessary charges and at the same time keep to the same high standard of service rendered the public.

Of the \$9,000 appropriated in 1928, about \$13.00 remains. The appropriation was \$1,000 less than in 1927 and smaller than any for several years. I am glad to report that the expenses have been kept within the amount available for this municipal activity.

The season was closed with a water regatta. In the afternoon of the 8th of September the swimming and diving races were run off and in the evening a band concert and open-air dancing on the pier were enjoyed by thousands of people. The prizes for the races and the band concert were made possible by the generous subscription of friends and I am glad to express my gratitude to them. I wish also to thank the Police Department for their co-operation in supplying the police boat during the regatta.

The usual work has necessarily been done at the Bath Houses: painting of railings, sun shelter and board walk; approximately 4,000 feet of hard pine replaced in the board walk; houses oiled; rafts caulked; boats painted and caulked; eleven concrete piers repaired, etc. In August, the large raft required attention and was brought ashore. It was found that all three pontoons were leaking and had to be caulked and some planking replaced. Due to the unsound condition of the raft, it was impossible to replace the diving stands.

I would recommend that, before another season, the inspector of buildings make examination of the raft. It has been in service for ten years and in all probability will need new pontoons to insure safety, and this work should be done before the season opens and the rafts put into the water.

Whatever repairs are necessary to the large raft, I recommend the construction of a third raft to take care of the increased number of swimmers. There are, at the Bath Houses, supplies bought when the houses were built which could be used in the building of another raft and I urgently recommend that a third raft be available for the 1929 season.

If the system of rentals is to continue, it will be necessary to have 300 men's suits, size 36 for next year. The supply of towels is adequate.

The wooden bulkheads placed several years ago have rotted away and now constitute a condition dangerous to bathers and some work should be done upon them.

The smallness of the beach and the greatly increased use of it has caused congestion which I believe could be remedied if the beach were extended to the south.

The railing along the board walk, particularly on the north side, is in very bad condition,—in fact in some places the railing is entirely gone and a temporary wooden protection has been erected. This matter will require attention in another year.

I wish to thank the members of the Committee for their helpful co-operation and to express my appreciation to the staff who have helped to make the year a success.

Respectfully submitted,

WILLIAM E. FOSTER,

Superintendent.

ANNUAL REPORT

OF THE

Superintendent of Buildings

ALSO

INSPECTOR OF BUILDINGS

CITY OF NEW BEDFORD, MASS.

For the Year ending December 31, 1928.



NEW BEDFORD, MASS.
REYNOLDS PRINTING

1929

CITY OF NEW BEDFORD

IN BOARD OF ALDERMEN,

January 24, 1929.

Received, ordered printed in the City Documents and
sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

January 24, 1929.

Concurred.

RUTH G. HILTON,

Clerk.

REPORT OF THE Superintendent of Buildings

To the City Council of the City of New Bedford:

Gentlemen:—

In accordance with Section 158 of the Revised Ordinances, I herewith respectfully submit the annual report of the Building Department for the year 1928.

Last year shows a decided falling off of new construction as compared with that of previous years. The slump in house construction is particularly noticeable among the two and three family houses. The trend of buildings of the dwelling house class for the past few years, however, has been toward one family homes. Repairs, small additions, and alterations have been nearly as numerous as in other years.

The Building Department is now giving the cement product industry much more attention than formerly and as a result some of the manufacturers have improved the quality of their products and practically all concrete blocks that are now made conform to the recognized standard and local code requirements.

During the year many special requirements relative to the construction of garages and filling stations have been eliminated from our Building Regulations. These buildings are now fire protected in accordance with the requirements of the Department of Public Safety.

The Zoning Ordinance continues to take up considerable time and tact but on the whole it seems to be working successfully. This is often exemplified in such a case as when an agitated visitor at this office learns that the garage

which his neighbor contemplates building must, in his district, be located at least 30 feet and in some cases 50 feet from the street line.

Builders of today are confronted with many rules and regulations and all persons who propose to build are invited to consult with the Building Department where they can readily obtain much valuable information.

VOCATONAL SCHOOL

On November 15, 1927, the Committee on City Property selected Edgar B. Hammond, architect to prepare plans and specifications for building additions thereto and remodelling the old Street Department property on the northwest corner of Hillman and Ash streets for purpose of a boy's vocational school.

These plans were submitted to the Committee on May 16, of this year; and bids called for to be opened on June 7th. A number of contractors submitted prices for the work, Olsen and Appleby of this city being the lowest bidder for a complete contract including heating, plumbing, electrical work and sprinkler system in the sum of \$156,458.00.

The Committee recommended to the City Council that the contract be awarded to the lowest bidder and on July 5, the City Council awarded the contract to the above named firm and work was commenced July 12, 1928. The contract stipulates the work shall be completed not later than March 13, 1929.

STREET DEPARTMENT BUILDINGS

The new Street Department buildings located at the northwest corner of Smith and Liberty streets of which a description was given in my report of last year were completed and accepted by the Committee on City Property, January 30th. The plans for this group of buildings were

drawn by Architect Leo L. LaBrode, the contractor being Theodore Loranger of 238 Phillips Avenue. The cost of the work was \$45,497.00.

ALTERATION TO INCINERATOR BUILDING

During the month of July the Board of Health awarded a contract to William Young, contractor, the lowest bidder, for installing a new doorway in the incinerator building at the garbage plant on Shawmut Avenue from plans and specifications prepared by this department. This work was completed and accepted August 28th. The cost of the work was \$812.00.

REPAIRS TO CITY PIERS

In the early part of November the City Council on recommendation of the Committee on Wharves, awarded a contract to Frank C. Taylor, the lowest bidder, for repairs to piers 3 and 4 of the city wharf property from plans and specifications prepared by this department. The work was completed and accepted by the Committee on Wharves December 14th.

The work consisted of removing a number of decayed and broken piles and replacing with new oak piles; old cap-log on pier 4 removed and replaced with a concrete cap-log; wood planking at the end of the pier was taken up and replaced with new planking together with general repairs. The cost of the work was \$3,000.

REPAIRS TO POLICE STATION NO. 3

The work of installing snow guards, repairing gutters, painting, etc., the No. 3 Police Station, corner Kempton and Cedar streets, was completed and accepted by the Committee on City Property, January 12, 1928. The work was done under contract by Robitaille & Dionne of this city from plans and specifications prepared by this department. The cost of the work was \$1,290.00.

PLANS FOR HEATING PLANT

In July this department was requested to furnish plans and specifications to provide a new heating system for the house which is occupied by the Engineer of the Water Department. Early in August the plans and specifications were completed and approved. The Water Department advertised for bids which were opened on August 14th. The contract was awarded on the same date to Woodacre Brothers of 950 South Water Street, the lowest bidder, for the sum of \$1,650.

POLICE STATIONS

| Name | Location | Year Built | Material | No. Stories | Rods of Land | Cost of Land | Cost of Buildings | Total Cost |
|--------------|----------------------------|------------|----------|-------------|--------------|--------------|-------------------|-------------|
| Weld street | Weld street | 1880 | Brick | 2 | 21.00 | \$ 4,500.00 | \$25,000 | \$29,500.00 |
| Blackmer st. | Blackmer and Water streets | 1892 | Brick | 2 | 7.76 | 800.00 | 12,000 | 12,800.00 |
| Kempton st. | Kempton and Cedar streets | 1898 | Brick | 2 | 11.94 | 1,650.00 | 19,000 | 20,650.00 |
| Central | Second and Spring streets | 1919 | Brick | 2 | 91.91 | 47,524.20 | 145,500 | 192,754.50 |

FIRE STATIONS

| Number of Station | Location | Year Built or Enlarged or Remodeled | Material | No. Stories | Rods of Land | Cost of Land | Cost of Buildings | Total Cost |
|-------------------|-------------------------------|-------------------------------------|----------|-------------|------------------------|--------------|-------------------|------------|
| No. 9 | Acushnet av. nr. Lunds cor. | 1861 | Wood | 2 | 8.81 | \$200 | \$2,300 | \$2,500 |
| No. 4 | Sixth and Bedford sts. | 1866 1897 1918 | Brick | 2 | 20.09 | 1,925 | 25,000 | 26,925 |
| No. 1 | *Purchase and Franklin sts. | 1871 | Brick | 2 | 26.68 | 1,500 | 26,488 | 27,988 |
| No. 6 | Fourth st., nr. Potomska st. | 1882 | Brick | 2 | 28.28 | 1,500 | 14,000 | 15,500 |
| No. 7 | Durfee st. | 1890 | Brick | 2 | 37.36 | 1,500 | 20,000 | 21,500 |
| No. 5 | County and Hillman sts. | 1892 | Brick | 2 | 47.00 | 3,300 | 20,000 | 23,300 |
| No. 8 | Acushnet av. and Davis st. | 1894 | Brick | 2 | 35.00 | 2,600 | 24,000 | 26,600 |
| No. 3 | Kempton and Reed sts. | 1906 | Brick | 2 | 44.91 | 2,300 | 21,882 | 24,182 |
| No. 11 | Brock av. and Mott street | 1908 | Brick | 2 | | 1,571 | 17,840 | 19,411 |
| No. 10 | Purchase and Cedar Grove sts. | 1909 | Brick | 2 | part water wks. lot | | 21,963 | 21,963 |
| No. 2 | Pleasant and North sts. | 1917 | Brick | 3 | 44.62 | 16,000 | 121,990 | 137,990 |

* Now used as department repair shop. Addition built in 1924.

SCHOOL BUILDINGS

| Name of School | Location | Year built, enlarged or remodelled | Material | No. stories | No. rooms | Roads of land | Cost of land | Cost of building | Total Cost |
|----------------------------------|------------------------------------|--|----------|-------------|-----------|------------------|-----------------|---------------------|---------------|
| Plainville | Plainville road | 1846 | Wood | 1 | 1 | 42.91 | \$100 | \$1 000 | \$1 100 |
| North | County road near North line | 1852-1891 | Wood | 1 | 1 | 60.00 | 200 | 1 800 | 2 000 |
| Parker street | Parker street | 1852-1874-1902 | Brick | 12* | 12* | 140.87 | 7 700 | 52 000 | 59 700 |
| Cedar street | Cedar and Maxfield streets | 1855 | Wood | 2 | 6 | 34.39 | 1 700 | 5 300 | 7 000 |
| Dartmouth street | Dartmouth and Hickory streets | 1855-1890 | Wood | 2 | 8 | 60.16 | 3 500 | 13 000 | 16 500 |
| Rockdale | Hathaway road | 1855 | Wood | 1 | 2 | 50.94 | 100 | 1 000 | 1 100 |
| Merrimac street | Merrimac and State streets | 1857 | Brick | 3 | 6 | 60.45 | 3 300 | 15 000 | 18 300 |
| Fifth street | Fifth and Russell streets | 1860-1876 | Brick | 3 | 10* | 65.54 | 6 000 | 30 000 | 36 000 |
| Acushnet avenue | Acushnet Avenue near Grinnell | 1878-1894 | Brick | 2 | 10 | 82.85 | 6 000 | 44 000 | 50 000 |
| Mary B. White | Maxfield and Pleasant streets | 1881 | Brick | 2 | 4 | 31.37 | 4 300 | 21 000 | 25 300 |
| Cedar Grove street | Cedar Grove street | 1883-1892 | Brick | 2 | 15 | 118.75 | 5 000 | 36 000 | 41 000 |
| Thompson street | Thompson street | 1855 | Brick | 2 | 10 | 80.00 | 4 300 | 31 000 | 35 300 |
| Harrington | Court street | 1889-1900 | Brick | 3 | 11* | 180.13 | 5 000 | 50 000 | 55 000 |
| I. W. Benjamin | Division street | 1891 | Brick | 2 | 12 | 110.78 | 6 000 | 28 000 | 34 000 |
| Sylvia Ann Howland | Pleasant and High streets | 1893-1901 | Brick | 2 | 7 | 51.80 | 9 500 | 55 000 | 65 100 |
| Thomas A. Greene | Fourth and Madison streets | 1894 | Brick | 2 | 10 | 63.58 | 5 200 | 58 200 | 65 100 |
| Clark street | Clark street | 1896 | Brick | 2 | 8 | 119.54 | 3 500 | 37 000 | 40 500 |
| George H. Dunbar | Dunbar and Dartmouth streets | 1897 | Brick | 2 | 8 | 118.08 | 2 700 | 40 000 | 42 700 |
| Phillips avenue | Phillips avenue | 1897 | Brick | 2 | 8 | 118.08 | 3 500 | 33 000 | 36 500 |
| William H. Taylor | Coggeshall and Ashley Blvd. | 1898-1910 | Brick | 2 | 12* | 322.64 | 12 475 | 70 000 | 82 475 |
| John H. Clifford | Coggeshall and Ashley Blvd. | 1901 | Brick | 3 | 12* | 210.60 | 12 656 | 71 000 | 83 656 |
| Robert C. Ingraham | Blackmer street | 1901 | Brick | 3 | 12* | 196.11 | 12 000 | 70 000 | 82 000 |
| Horatio A. Kempton | Shawmut avenue | 1901 | Brick | 2 | 8 | 142.30 | 4 680 | 43 000 | 47 680 |
| Thomas Donaghy | South street | 1905 | Brick | 2 | 12 | 19.31 | 23 500 | 63 004 | 86 504 |
| Hosea M. Knowlton | County and Coggeshall streets | 1906 | Brick | 3 | 16* | 482.09 | 11 750 | 95 661 | 107 411 |
| James B. Congdon | Henlock and Thompson streets | 1908 | Brick | 3 | 16* | 209.29 | 13 488 | 103 000 | 116 488 |
| Thomas R. Rodman | Rockdale avenue and Mill street | 1908 | Brick | 3 | 10* | 124.45 | 4 978 | 76 324 | 81 302 |
| Irish Swift | Acushnet avenue near Lunds corner | 1909 | Brick | 3 | 10* | 124.80 | 1 700 | 80 710 | 82 410 |
| Abraham Lincoln | Ashley Blvd. North Belleville road | 1911 | Brick | 3 | 20* | 696.82 | 17 700 | 128 000 | 145 700 |
| Twenty-seven portable schools | In various school yards | 1903-1919 | Wood | 1 | 1 | | | | 52 425 |
| Beisey B. Winslow | Allen and Brownell streets | 1912 | Brick | 2 | 12* | 893.09 | 25 712 | 122 741 | 148 453 |
| New High School | County, head of William street | 1912 | Brick | 3 | 48* | 401.60 | 60 001 | 509 369 | 569 370 |
| Katherine street | Katherine and Bonney streets | 1914 | Brick | 2 | 20* | 411.97 | 12 233 | 167 081 | 179 314 |
| Sarah D. Ottiwell | Hathaway and Diman streets | 1918 | Terra | 1 | 15* | 378.12 | 17 586 | 166 953 | 184 530 |
| Emery street | Emery and Frederick streets | 1921 | Cotta | 2 | 16* | 249.33 | 16 148 | 278 298 | 294 446 |
| Chas. S. Ashley | Ashley Blvd. and Rochambeau street | 1922 | Brick | 2 | 20* | 606.89 | 14 762 | 683 041 | 697 803 |
| Mt. Pleasant School | Mt. Pleasant and Sawyer streets | 1922 | Brick | 2 | 20* | 674.85 | 52 803 | 658 356 | 711 159 |
| Clarence A. Cook | Summer and North Streets | 1922 | Brick | 1 | 18* | 133.88 | 75 000 | 566 331 | 641 331 |
| Sassaquin School | Sassaquin | 1924 | Brick | 3 | 3 | 51.20 | 1 000 | 34 435 | 35 435 |
| Normandin Jr. High | Tarklin Hill Road | 1927 | Brick | 3 | 60* | 1 546.49 | 58 748 | 523 391 | 582 139 |
| Roosevelt Jr. High | Cleveland and Frederick sts. | 1927 | Brick | 3 | 60* | 881.05 | 34 924 | 550 553 | 585 477 |
| Girls' Gymnasium | Central High School | 1923 | Brick | 1 | 60* | | | 19 392 | 19 392 |

*Assembly Hall.

†Cost \$14,762.00 Part of Park Land Taken.

OTHER PUBLIC BUILDINGS

| Name | Location | Year Built and Remodelled | Material | No. Stories | Rods of Land | Cost of Land | Cost of Building | Total Cost |
|----------------------------------|---------------------------|---------------------------|--------------------|-------------|-------------------------|--------------|------------------|------------|
| *Free Public Library | William and Pleasant Sts. | 1907-1910 | Stone | 3 | 87.39 | \$125,000 | \$275,000 | \$400,000 |
| †Municipal Building | William and Pleasant Sts. | 1912 | Brick | 3 | 92.74 | 138,864 | 336,000 | 474,864 |
| Almshouse Property | Clark's Point | 1842 | Stone-Wood | 3 | 77 acres | 46,000 | 54,000 | 110,000 |
| City Stables | Ash Street | 1877 | Brick | 1 & 2 | 456.93 | 8,400 | 57,000 | 65,400 |
| Pumping Station and Lot | Purchase street | 1866-1870 | Stone | 1 | 640 | 24,000 | 25,000 | 49,000 |
| School Committee Headquarters | William street | 1846 | Wood | 2 | 24.61 | 5,000 | 4,700 | 9,700 |
| Veteran Firemen's Headquarters | High and Foster sts. | 1846 | Wood | 2 | 9.83 | 1,000 | 1,300 | 2,300 |
| ***Battery D Veterans' Hall | Purchase street | 1835-1927 | Wood | 2 | 3.82 | 1,500 | 4,500 | 5,000 |
| Water Works | Lakeville | 1895-1900 | Brick-Wood | 1 | | | 136,000 | 136,000 |
| Isolation Hospital | City Farm | 1904 | Wood | 2 | | | 41,200 | 50,000 |
| Miscel. Building on City Parks | | | | | | | | |
| City Wharves Cemeteries, etc. | | | | | | | | |
| Sewage Pumping Station | Cove road | 1913 | Brick | 1 | city's shore property | | 14,180 | 14,180 |
| Power and Screen house | West French avenue | 1914 | Brick | 1 | city's shore property | | 31,864 | 31,864 |
| Public Bath Houses | West French avenue | 1916 | Concrete and Wood | 1 | Shore at Hazlewood Park | | 52,975 | 52,975 |
| Sewage Pumping Station | Belleville avenue | 1917 | Concrete and Brick | 1 | Public St. | | 23,157 | 23,157 |
| Water Works—Repair Shop | No. Water street | 1890-1917 | Concrete and Wood | 1 & 2 | | 21,125 | 20,000 | 42,125 |
| **Spanish War Veterans Bldg. | Willis st. near Purchase | 1850-1922 | Wood | 2 | 12.27 | 2,500 | 5,000 | 7,500 |
| Municipal Garage | City Yard, Ash St. | 1924 | Brick | 2 | | | 28,787 | 28,787 |
| Police Signal Headquarters | So. Second near School | 1891 | Wood | 1 | 18.24 | 1,350 | 10,000 | 11,350 |
| Library and Comfort Station | Cove and Stapleton St. | 1926 | Brick | 1 | 21.87 | 17,000 | 63,218 | 80,218 |
| Comfort Station | Sawyer St. | 1926 | Brick | 2 | 8.36 | 7,500 | 28,450 | 35,950 |
| Incinerator Plant & Misc. Bldgs. | Shawmut Ave. | 1926 | Brick | 2 | | | 108,567 | 108,567 |
| Battery House | Russell's Mills | 1926 | Conc. Blocks | 1 | | | 6,600 | 6,600 |
| Street Department Buildings | Smith and Liberty Sts. | 1928 | Wood | 1 & 1½ | 5 Acres | 9,775 | 45,497 | 55,272 |

*Formerly City Hall—Erected in 1838-1839.

†Easterly part formerly Free Public Library

**Formerly Willis street Police Station

***Formerly Purchase street Ward Room

Building—erected in 1856.

STATISTICS OF PREVIOUS YEARS

| | No. Permits | Estimated Cost | No. Dwellings Erected | No. Tenements Added |
|------|----------------|-------------------|-----------------------------|---------------------------|
| 1893 | 340 | \$1,800,000 | 151 | 322 |
| 1894 | 369 | 795,860 | 144 | 361 |
| 1895 | 554 | 1,301,871 | 201 | 527 |
| 1896 | 794 | 1,687,396 | 378 | 920 |
| 1897 | 797 | 1,357,395 | 310 | 699 |
| 1898 | 415 | 490,647 | 81 | 122 |
| 1899 | 424 | 708,245 | 79 | 124 |
| 1900 | 402 | 755,401 | 68 | 102 |
| 1901 | 416 | 1,099,102 | 161 | 235 |
| 1902 | 470 | 1,968,840 | 164 | 354 |
| 1903 | 603 | 1,984,871 | 252 | 578 |
| 1904 | 541 | 1,575,552 | 210 | 447 |
| 1905 | 648 | 1,506,275 | 293 | 645 |
| 1906 | 672 | 2,450,500 | 296 | 649 |
| 1907 | 682 | 2,256,000 | 278 | 721 |
| 1908 | 774 | 2,872,300 | 411 | 1,083 |
| 1909 | 986 | 6,267,650 | 550 | 1,473 |
| 1910 | 1179 | 7,037,337 | 639 | 1,812 |
| 1911 | 950 | 2,661,063 | 485 | 1,117 |
| 1912 | 940 | 2,400,050 | 379 | 896 |
| 1913 | 1245 | 3,067,700 | 425 | 820 |
| 1914 | 1062 | 3,039,736 | 406 | 808 |
| 1915 | 1012 | 3,126,734 | 383 | 699 |
| 1916 | 949 | 4,762,081 | 356 | 662 |
| 1917 | 384 | 3,054,211 | 98 | 128 |
| 1918 | 352 | 976,714 | 83 | 101 |
| 1919 | 762 | 7,005,420 | 269 | 396 |
| 1920 | 683 | 5,943,414 | 193 | 274 |
| 1921 | 882 | 5,816,631 | 359 | 506 |
| 1922 | 1216 | 7,057,240 | 544 | 880 |
| 1923 | 1475 | 9,062,700 | 581 | 1,153 |
| 1924 | 1070 | 6,979,600 | 422 | 790 |
| 1925 | 1092 | 8,339,300 | 515 | 881 |
| 1926 | 869 | 2,308,405 | 106 | 133 |
| 1927 | 938 | 1,412,952 | 79 | 89 |
| 1928 | 680 | 1,068,852 | 39 | 42 |
| | 27,662 | \$115,998,045 | 10,388 | 21,549 |

BUILDING STATISTICS

FOR

1928

During the year 680 permits were granted for new buildings, alterations and repairs, at an estimated cost of \$1,068,852.00.

For the year 1927 the total number of permits issued was 850 of an estimated cost of \$1,412,952.00.

Number of permits granted for new dwellings during the year was 39, of an estimated cost of \$281,600.00. Thirty six of this number were of the one family type and 3 of the two family type.

Ward five led in the number of houses erected during the year with 12 to its credit; ward six next with 9; ward one having 6; and 4 each in wards two, three and four.

The largest job for which a permit was issued during the year was the additions and alterations to the former street department buildings for purpose of Vocational School, followed by additions to the Continental Wood Screw Co's plant; addition to the Paulding factory on King's Highway; Cote building, Union street; National Biscuit Co's new warehouse Merrimac street; Marder building, Union street; Karakelas building, Union street.

SUMMARY OF BUILDING OPERATIONS

| | Permits | Cost |
|--|---------|---------|
| New Dwellings | 39 | 281,600 |
| New buildings and additions for manufacturing and business purpose, | 10 | 119,750 |
| Vocational School, | 1 | 156,458 |
| Store buildings, | 10 | 86,000 |
| Garages, | 119 | 83,170 |
| Filling stations, | 10 | 31,400 |
| Airplane hangar, | 1 | 2,900 |

SUPERINTENDENT OF BUILDINGS

13 E

| | | |
|---|-----|-------------|
| Coal pockets, | 1 | 18,000 |
| Additions and alterations to dwellings, | 271 | 149,865 |
| Additions and alterations to buildings other than dwellings, | 135 | 131,479 |
| Miscellaneous buildings, | 83 | 8,230 |
| Total, | 680 | \$1,068,852 |

Number of new tenements added ———42

Dwellings erected by wards

| | |
|------------------|----|
| Ward one | 6 |
| Ward two | 4 |
| Ward three | 4 |
| Ward four | 4 |
| Ward five | 12 |
| Ward six | 9 |

CLASSIFICATION

| | |
|----------------------------|----|
| One family dwellings | 36 |
| Two family dwellings | 3 |

STATISTICS FOR 1927

| | |
|------------------------------|-------------|
| Number permits granted | 938 |
| Estimated cost | \$1,412,952 |
| New dwellings erected | 79 |
| New tenements added | 89 |

List of larger buildings taken down during the year to make way for business enterprises also as a matter of public safety:-

- (1) Six tenement house north side of Rivet street, east of Purchase street, owned by Clement Lussier.
- (2) Three story store and tenement block north side of Union street, east of No. Water street, owned by Isaac Marder.
- (3) Remaining part of old Mansion House left standing after the fire.

- (4) Three story store and workshop building northwest corner Union and Bethel street, badly damaged by fire.
- (5) Three story frame business block, north side Union street, east of North Second street, badly damaged by fire.
- (6) Two story frame residence northeast corner Pleasant and Mill streets.
- (7) Two story frame residence southwest corner Madison and First streets, owned by N. B. Gas & Edison Light Company.
- (8) Two story residence northeast corner South Second and Cannon streets, owned by N. B. Gas & Edison Light Company.
- (9) Three story frame store and tenement building east side Purchase street between North and Hillman streets, owned by Westby and Baker.
- (10) Two story store and tenement building, east side So. Water street, south of Delano street, owned by William Abrams.
- (11) Old blacksmith shop west side Acushnet Avenue, north of Maxfield St.
- (12) Old blacksmith shop southeast corner Pleasant and Weld streets.
- (13) Old Jordan store and tenement building east side of Acushnet Avenue, north of Pearl street.
- (14) Three and half story store and tenement block southwest corner of North Water and Elm streets. Property owned by William Ritchie.
- (15) Three story store and tenement building southwest corner of North Water and Middle streets, also two family house on same premises.
- (16) Two story frame dwelling 159 Weld street, owned by Union Street Railway Company.
- (17) Old frame schoolhouse corner Ashley Boulevard and Earle streets, owned by St. Killian's Parish.

- (18) Three story store and tenement block northeast corner of Pleasant and Hillman.
- (19) Two story dwelling north side Hillman street east of North Second street owned by the Akin-Dennison Company.
- (20) Second old two family dwelling rear of 159 Weld Street, owned by Union Street Railway Company.
- (21) Two six tenement houses north side Merrimac street east of Purchase Street.
- (22) Two story frame dwelling southeast corner Elm and Cedar Streets, owned by George E. Tripp.
- (23) One story frame store building south side Weld street west of Pleasant Street, owned by Daniel Robinson estate.
- (24) Two story frame dwelling 128 South Second Street, near Coffin Street, owned by N. B. Gas & Edison Light Company. Also two story frame dwelling at 152 So. Second street.
- (25) Two and half story dwelling north side Weld Street, west of Purchase Street.

Prominent permits granted during the year.

Vocational School building; Cote building, Union street; Addition to Paulding factory, Kings' Highway; Addition to Continental Wood Screw Co's, plant, Mt. Pleasant; National Biscuit Co's new warehouse, Merrimac street; Marder store building, Union street; Karalekas store building, Union street; Lussier block of stores, Rivet street; James O. Thompson residence, Meriam street; Sylvia H. Knowles residence, Moreland Terrace; Mrs. Morgan Rotch, alterations to residence, Hawthorn street; Addition to Williams Abrams store, South Water street; Joseph Woodward's garage, Ashley Boulevard and Park Avenue; Coal pockets, Vineyard steamboat wharf; Alterations to former Manomet Mills for New Bedford Rayon Company; Filling station, Pleasant and Mill

streets; Filling station, Middle and No. Water streets; Filling station, Pleasant and Weld streets.

SIGNS

During the year one hundred and forty-four sign applications were forwarded to this office by the City Clerk for inspection and approval as to their proper height, structural safety, etc., before a permit for their maintenance is granted. In a number of cases more than one inspection was necessary before a final approval was given. Two roof signs were granted by this department during the year.

BOARD OF APPEALS

During the year 46 appeals were taken by this department and transmitted to the Board of Appeals to be acted upon for variance under the zoning ordinance.

ELEVATOR INSPECTIONS

A total of 722 inspections were made during the year of all the various types of elevators throughout the city and 467 written reports of their condition forwarded to the State Commissioner of Public Safety also to the various manufacturing corporations and property owners having elevators in operation.

Six elevators were found to be unsafe during the year and adjustments ordered made to conform to the requirements governing safety of elevators. One elevator was condemned by the department and its use prohibited until made to conform to the regulations which was finally accomplished and again put into operation.

27 applicants to operate elevators were examined and licenses issued. 64 licenses were renewed.

There are at present 397 elevators in the city. One new elevator was installed during the year and two removed. None are under construction at the present time.

HOTEL AND LODGING HOUSE INSPECTION

As required by Statute law this department inspected during the month of April 44 hotels and lodging houses containing 1006 rooms and a written report of their condition made to the State Department of Public Safety.

CONCLUSION

I wish to thank the members of the City Government and all Department Heads for their courtesy and co-operation to the Building Department.

Respectfully submitted,

JOHN F. TINKHAM,

Superintendent of Buildings,

Inspector of Buildings.



Thirty-fourth Annual Report

OF THE

Board of Cemetery Commissioners

OF THE

CITY OF NEW BEDFORD,

MASSACHUSETTS

For the year ending November 30,

1928



BRADBURY-WARING, INC.—PRINTERS
NEW BEDFORD, MASS.
1929

CEMETERY BOARD

WILLIAM M. HIGHAM, Chairman

JOHN G. NICHOLSON

CHARLES H. VINAL, Secretary

Clerk of the Board

MISS IVAH M. HUNT

Office Assistant

MRS. BERENICE E. IRVING

Superintendent

SIDNEY B. DEMORANVILLE

CEMETERIES

RURAL

OAK GROVE

PINE GROVE

GRIFFIN STREET

CITY OF NEW BEDFORD
OFFICE OF THE CEMETERY BOARD

December 1, 1928.

To the Mayor and City Council,

City of New Bedford.

Gentlemen:—

The ordinance requiring that the Cemetery Board shall report to your honorable body of its doings during the current year and the condition of the grounds under its care, with such recommendations as may seem pertinent and proper, the Board herewith submits its thirty-fourth annual report for the year ending November 30, 1928.

CHARLES H. VINAL,

Secretary.

FINANCIAL STATEMENT

FOR THE YEAR ENDING NOVEMBER 30, 1928.

Dr.

| | |
|--|-------------|
| Annual appropriation, April 3, 1928 | \$27,000.00 |
| Receipts, labor to December 1, 1928 | 17,631.76 |
| Receipts, labor on Perpetual Care lots, 1927 | 18,811.64 |
| Receipts, labor on Soldiers and Sailors Graves, 1928 | 1,969.56 |
| | <hr/> |
| | \$65,412.96 |

Cr.

| | |
|---|-------------|
| Expenditures, general | \$64,710.53 |
| Transferred to unappropriated funds, (see City Auditor's balance) | 702.43 |
| | <hr/> |
| | \$65,412.96 |

SALES OF LOTS

Dr.

| | |
|--|-------------|
| Balance, old account | \$5,523.38 |
| Receipts, Sales of Lots, to December 1, 1928 | 9,005.00 |
| | <hr/> |
| | \$14,528.38 |

Cr.

| | |
|---|-------------|
| Expenditures, embellishment and improvement | \$10,054.60 |
| Balance to new account | 4,473.78 |
| | <hr/> |
| | \$14,528.38 |

CLASSIFIED STATEMENT OF EXPENDITURES

RURAL CEMETERY

| | | |
|--|-------------|-------------|
| General labor account | \$10,559.08 | |
| Distribution account | 5,317.20 | |
| Interments | 1,708.90 | |
| Office building, maintenance and attend- ant's salary | 1,175.16 | |
| Supplies, tools | 712.65 | |
| Supplies, fertilizer, seed, sod, etc. | 217.00 | |
| Supplies, cement, sand, brick, etc. | 555.11 | |
| Supplies, general | 255.99 | |
| Water | 15.64 | |
| Pension | 85.68 | |
| Extension account, Sec. W | 457.07 | |
| Police account | 495.88 | |
| Avenues, (maintenance) | 387.87 | |
| Permanent repairs on avenues | 4,158.39 | |
| Painting rest house on island | 178.76 | |
| Painting office | 57.99 | |
| | | <hr/> |
| | | \$26,378.37 |

OAK GROVE CEMETERY

| | | |
|--|------------|-------------|
| General labor account | \$9,491.55 | |
| Distribution account | 2,480.95 | |
| Interments | 1,462.72 | |
| Supplies, tools | 601.32 | |
| Supplies, fertilizer, seed, sod, etc. | 214.00 | |
| Supplies, cement, sand, brick, etc. | 308.03 | |
| Supplies, general | 126.79 | |
| Water | 78.41 | |
| Permanent repairs on avenues | 3,262.19 | |
| Avenues, (maintenance) | 348.37 | |
| Office building, maintenance and attend- ant's salary | 1,175.32 | |
| Police account | 419.74 | |
| Toolhouse, (maintenance) | 191.40 | |
| North wall | 791.27 | |
| Painting greenhouse | 87.26 | |
| | | <hr/> |
| | | \$21,039.32 |

CEMETERY REPORT

PINE GROVE CEMETERY

| | | |
|--|------------|-------------|
| General labor account | \$3,556.81 | |
| Distribution account | 3,043.23 | |
| Interments | 981.74 | |
| Supplies, Tools | 1,005.76 | |
| Supplies, fertilizer, seeds, sod, etc. | 94.00 | |
| Supplies, cement, sand, brick, etc. | 60.46 | |
| Supplies, general | 187.30 | |
| Avenues, (maintenance) | 94.98 | |
| Water | 14.18 | |
| Extension account, Section 14 | 30.19 | |
| Extension account, Section 15 | 4.99 | |
| Extension account, Section 16 | 94.09 | |
| Extension account, Section 17 | 38.89 | |
| Extension account, Section 18 | 65.46 | |
| Extension account, Section 19 | 46.66 | |
| Extension account, Section 21 | 467.48 | |
| Extension account, Section 22 | 17.24 | |
| Extension account, Section 23 | 30.34 | |
| Painting service building | 52.96 | |
| Office building, maintenance and attend- ant's salary | 1,060.69 | |
| Police account | 500.94 | |
| | | <hr/> |
| | | \$11,448.39 |

GREENHOUSE AND FLOWER BEDS

(including Cemetery Gardening)

| | | |
|---------------------------------------|------------|------------|
| General labor account | \$4,184.90 | |
| Maintenance, stock and supplies | * 425.62 | |
| | | <hr/> |
| | | \$4,610.52 |

GRIFFIN STREET CEMETERY

| | |
|-----------------------------|----------|
| General labor account | \$453.90 |
|-----------------------------|----------|

TELEPHONES

| | |
|-----------------------|----------|
| Bell telephones | \$224.06 |
|-----------------------|----------|

SALARIES

| | |
|--|------------|
| Office (Superintendent and clerks) | \$6,093.68 |
|--|------------|

SUNDRIES

| | |
|--|----------|
| Office supplies | \$556.97 |
| Automobiles | 1,780.92 |
| Accident account | 1,211.00 |
| Annual report | 68.75 |
| St. Mary's Cemetery, (labor on Perpetual Care lots, 1927) | 553.65 |
| St. Mary's Cemetery, Labor account | 201.89 |
| Road roller | 83.71 |
| Refund on lot in Pine Grove Cemetery | 60.00 |

Respectfully submitted,

IVAH M. HUNT,
Clerk of the Cemetery Board.

REPORT OF CEMETERY COMMISSIONERS

It has been the purpose of this Board throughout the year to carefully consider and adopt such methods in the operating of and maintenance of the cemeteries as would keep the costs within the resources of this department, and the careful administration by the executives of this department has quite successfully met these conditions.

The request of this Board to the "Budget" was reduced by Five thousand dollars by the Board, and by action of the City Council it was further reduced by Three thousand dollars, and \$27,000.00 was finally placed to the credit of Cemeteries to operate and maintain them during the current year; therefore, every degree of economy was exercised to operate the department within the amount appropriated, and this was accomplished with the result of an unexpended balance of Seven hundred two dollars and forty three cents.

We have to state, however, there has been a larger number of complaints of the grass not having been cut sufficiently often on some of the lots. This was not due to the intent of curtailing in this feature, but was occasioned by continued rain, causing the grass to grow much faster than it could be taken care of by the limited crew in the several grounds, and also delaying the work as the men could not work to advantage in the heavy rains. Generally, most of the lots were cut the regulation number of times as in previous seasons, particularly those in perpetual care.

For several seasons it has been the purpose of this department to improve and re-build several of the main avenues in the several grounds. This im-

provement has been applied to several avenues, they having been macadamized with an initial coat of tar and sand much to the satisfaction of those who have to visit the cemeteries in vehicles, and these smooth and finished avenues add much to the appearance of the grounds.

The cemeteries have been policed only part of the season, that being thru the Memorial Day and Flower Day periods, as at other periods our own men have been detailed to watch the grounds, and there has been but little trouble during the season.

From year to year, the Cemetery Board has made a study of the increasing cost of cemetery work, the maintenance of which is carried on partly by annual appropriations and partly from income derived from work done, such as interments and care of various kinds. It is gratifying and somewhat surprising that while the cemeteries have grown in area and we are paying 150% more for labor than in 1910, the cemeteries are still maintained in as good and we believe better condition with at least twenty-five men less today than we did then.

Our motor lawn mowers, our improved avenues, our simplified and better grading methods, our motor trucks and the lawn plan system for all new sections have evidently much to do with it.

The greater need in our cemeteries today is improvement in the condition of the avenues, and in some localities an entire re-construction. By reason of limited funds, the avenue work has consisted principally in keeping them in repair and as good condition as possible by weeding, hoeing, raking, etc., but what is needed most is permanent im-

provement, and the Board is determined so far as the funds accumulated for this purpose will allow to give each cemetery its proportion of such improvement.

Heavy iron gates have been installed at the entrance to Pine Grove Cemetery, and this entrance has been further improved by the planting of specimen trees and conifers, completing the entire beautiful appearance of a modern entrance to this cemetery which we believe is second to none in the state.

For the interest of lot owners in the protection of monuments and headstones and the embellishment and decoration of their lots, the Board has found it necessary to take a determined stand as expressed in the following.

It is of the utmost importance that there should be a strict observance of all the proprieties due the cemeteries whether embraced in the rules and regulations governing the grounds or not. No impropriety will be tolerated, and all well disposed persons will confer a favor by informing the Superintendent at once of any breach of decorum that may come under their notice.

All persons are reminded that these grounds are sacredly devoted to the burial of the dead and that the provisions and penalties of the law will be strictly enforced in all cases of wanton injury, disturbance or violation of the rules.

The greenhouses have contributed their annual supply of ornamental plants, flowers and shrubs to the many beds and borders in the several grounds;

unusual designs have been prepared by the florist and gardener, and these special features have called forth much appreciative comment from many visitors to the grounds.

The several cemeteries have presented a very attractive appearance during the year. Much of this is due to the untiring efforts of the Superintendent. He realizes the task is a big one, and interwoven with many problems for him to solve. One of the strongest qualifications of this man is to study into and apply such new methods that will add to the betterment of the cemeteries. He visits grounds in other cities at his own expense, and when he has absorbed a new idea bearing on any cemetery problem, he has the courage to stand up for what he knows is right and for the best interest of the department.

For a summary of the work accomplished by this department in the several cemeteries for the season of 1928, reference is made to the Superintendent's report to the Board which follows.

Respectfully submitted,

WILLIAM M. HIGHAM, Chairman
JOHN G. NICHOLSON,
CHARLES H. VINAL, Secretary.

Board of Cemetery Commissioners.

SUPERINTENDENT'S REPORT

To the Cemetery Board,

City of New Bedford.

Gentlemen:—

I submit to you a summary of the work accomplished in the city's cemeteries during the past year.

The general maintenance and management has been under my direction. All new work has had my personal supervision, following the plans and directions given to me by the Board, and I trust the results accomplished have met with your approval.

I have also submitted such suggestions as I have deemed advisable for the immediate needs and future development of this department.

The conservative amount appropriated by the City Council for the operation of this department has led to a limited number of laborers in the several grounds. These were divided into separate crews governed by the character of the work to be done and the ability of the men to complete it.

It was also necessary as fast as the work was accomplished to reduce the number of employees until we were carrying only the permanent crew nec-

essary to take care of the routine service in the grounds during the fall and winter season.

The heavy spring rain fall continued well in to the season. It was quite impossible to operate machines on the soft surface of the ground to check the rapid growth of the grass on the lots and borders. Many of the avenues also were soft and muddy, making it difficult to drive our teams on them, and often leaving deep ruts when it was necessary to use them. It was therefore late in the season before the full number of our men were at work, and called for extreme pressure on the entire department to bring the condition of the cemeteries up to their general attractive appearance on Memorial Day.

While the general upkeep of the several grounds has been met, progress has also been made in permanent improvement. The north boundary of Oak Grove Cemetery has been embellished with a new double faced wall giving this section of the grounds a modern and finished appearance. It also offers greater protection to lot owners in this section as it is a check on much trespass across this section to the Robeson street gates.

I am confident that the re-building, grading and surfacing the avenues in the several cemeteries under our present methods would be the greatest permanent improvement the department could make, and while the condition of our avenues today compares favorably with the carriage-ways hereabout, yet such lasting improvement would come from re-grading and surfacing, with the crushed stone and roller service, I am convinced that part of the finances of this department should be expended for the

accomplishment of this work each year, until all our roadways and avenues are re-built in the several grounds. During the season, 69,678 sq. ft. of avenues in Rural Cemetery, and 79,200 sq. ft. in Oak Grove Cemetery were re-built. This year, the work was applied to the main avenues in these grounds.

The extension of water in the several cemeteries is of vital importance and should be given special consideration this season. Many complaints are made by visitors to the grounds of the long distances they have to cover to get water for the flowers and plants placed on their lots. While the supply of water in the cemeteries is truly an individual service to the citizens of New Bedford, yet there is a greater and a more imperative service that the department must cover. As the cemeteries grow in area, the number of lots being placed in perpetual and annual care constantly increases, and the city, thru this department, is under contract to care for these lots, which extend far into the new sections where there are no water hydrants available. It calls for long lines of hose to reach these lots and properly care for them, and some we cannot at present reach. The expense of this would be eliminated by the permanent extension of the water mains in the several grounds.

The greenhouses have contributed their usual supply of flowering plants and have been particularly attractive in the special settings designed by the florist. It has been his determination to show the general public that the department is displaying its best service in this line of decoration. The entire stock is produced from cuttings taken from our own flower beds, last year, more than 50,000 plantings being used during the season.

It is desirable that a new motor lawn mower be purchased for use in Oak Grove Cemetery in 1929.

I herewith submit for your inspection a summary of the work accomplished in the several cemeteries during the season of 1928.

Respectfully submitted,

SIDNEY B. DEMORANVILLE,

Superintendent of Cemeteries.

SUMMARY OF WORK DONE IN 1928

| | Rural | Oak Grove | Pine Grove |
|--|--------|--------------|---------------|
| Sq. ft. avenues covered with tar | | 79,200 | |
| Sq. ft. land dug over | | | 750 |
| Sq. ft. land graded | 13,220 | | 2,500 |
| Sq. ft. land rough graded | | | 9,000 |
| Sq. ft. land seeded | 13,220 | | 2,500 |
| Sq. ft. sod laid | | 2,575 | 460 |
| Sq. ft. avenues laid with crushed stone | 69,678 | | |
| Sq. ft. avenues repaired | | 79,200 | |
| Lineal ft. borders trimmed | 6,218 | 250 | |
| Lineal ft. foot path fitted | 499 | | |
| Lineal ft. wall foundation built | | 320 | |
| Lineal ft. wall built | | 320 | |
| Lineal ft. curbing set | | 15 | |
| Foundations for tablets and markers | 106 | 93 | 23 |
| Foundations for monuments | 20 | 14 | 12 |
| Foundations re-built | 10 | 1 | |
| Corner posts in lots | 8 | 17 | 24 |
| Lots numbered | | | 162 |
| Single graves numbered | | | 561 |
| Graves numbered on Public Ground | | | 1,055 |
| Trees set out | | | 7 |
| Flower and shrub beds | 30 | 45 | 24 |
| Neglected graves fitted | 17 | 54 | 3 |
| Graves fitted | 208 | 163 | 19 |
| Graves fitted in Public Ground | | 75 | 3 |
| Headstones fitted | 64 | 5 | |
| Neglected headstones fitted | 5 | 2 | |
| Lots fitted | | 10 | |
| Bodies entombed in 1928 | 4 | 2 | |
| Bodies remaining in tomb | 2 | | |
| Bodies dis-interred in 1928 | 8 | 5 | 3 |
| Interments made in lots 1928 | 200 | 147 | 43 |
| Interments made in graves in 1928 | | 1 | 54 |
| Interments made in Public Ground, 1928 | | | 91 |
| Interments made in Soldiers and Sailors lot .. | 3 | | 5 |
| Total interments, 1928 | 203 | 148 | 193 |
| Lots sold in 1928 | 16 | 2 | 27 |
| Graves sold in 1928 | | | 60 |

CEMETERY REPORT

| | Rural | Oak Grove | Pine Grove |
|--------------------------------------|-----------|--------------|---------------|
| Prepared lots unsold | 110 | 24 | 402 |
| Value of lots unsold | \$37,100. | \$6,545. | \$63,905. |
| Graves unsold | | | 153 |
| Value of graves unsold | | | \$5,355. |
| Number of stones cleaned | 355 | 110 | 1 |
| Number of monuments cleaned | 29 | 19 | 1 |
| Number of corner posts cleaned | | 12 | |
| Trees removed | 5 | 5 | 5 |
| Shrubs removed | | | 148 |
| Trees trimmed and pruned | 34 | 75 | 97 |
| Shrubs trimmed and pruned | 260 | 276 | 1104 |
| Brick graves built | 36 | 24 | 4 |
| Lot numbers made | | | 824 |
| Lots in annual care | 495 | 450 | 108 |

Respectfully submitted,

SIDNEY B. DEMORANVILLE,

Superintendent of Cemeteries.

PERPETUAL CARE

The growing popularity of perpetual care, which has been a predominant feature in cemetery work since the grounds have been under the direction and management of the Board is shown by the number of lots placed under perpetual care each year.

The cost of perpetual care is now figured on a basis whereby sufficient funds are being deposited that will keep the lots in good condition at all times. Had the present method been used years ago, it is possible that many of the old deposits would not have been taken at so low a figure that those lots are a real burden to the cemetery. Evidently perpetual care was a dormant feature years ago.

Additional lots placed in perpetual care, 1928.

| | |
|--------------------|-------|
| Rural | 35 |
| Oak Grove | 30 |
| Pine Grove | 6 |
| St. Mary's | 2 |
| St. John's | 1 |
| Peckham West | 2 |
| | <hr/> |
| | 76 |

Total number of lots in perpetual care, 1928.

| | |
|-----------------------------------|-------|
| Rural | 1374 |
| Oak Grove | 1070 |
| Pine Grove | 112 |
| St. Mary's | 82 |
| Peckham West | 35 |
| St. John's | 43 |
| Cong. Church yd. | 23 |
| Friends | 30 |
| Griffin st. | 1 |
| Private cemetery, Braley rd. | 1 |
| | <hr/> |
| Total | 2771 |

The amount of funds deposited to perpetual care, during 1928 was \$15,572.71.

The total amount standing to credit of perpetual care is as follows:—

| | |
|-----------------------------------|--------------|
| Rural Cemetery | \$198,265.62 |
| Oak Grove Cemetery | 143,021.30 |
| Pine Grove Cemetery | 12,896.49 |
| St. Mary's | 9,100.00 |
| Peckham West | 5,765.00 |
| St. John's | 5,275.00 |
| Cong. Church | 3,000.00 |
| Friends | 3,825.00 |
| Griffin street | 100.00 |
| Private cemetery, Braley rd. | 200.00 |
| | <hr/> |
| | \$381,448.41 |

This is an increase of \$321,448.41, since the organization of the Board.

REPORT OF CARETAKER OF SOLDIERS AND SAILORS GRAVES

New Bedford, Mass.,

December 1, 1928.

To the honorable City Council of the
City of New Bedford.

Gentlemen:—

I herewith submit the following report of the work done on neglected lots and graves in the cemeteries where soldiers and sailors are interred as authorized in Chap. 218, Acts of Legislature, 1920.—

| | Graves fitted | Care of lots and graves | Sod raised on graves | Lots fitted | Stones fitted |
|------------------|------------------|-------------------------------|----------------------------|----------------|------------------|
| Rural | 75 | 68 | | | 5 |
| Oak Grove | 17 | 144 | 1 | 1 | 18 |
| Pine Grove | | 24 | | | |
| Cong. Church .. | | 2 | | | |
| Sacred Heart .. | | 12 | | | |
| Peckham West. | 7 | 12 | | 2 | 12 |
| St. John's | | 1 | | | |
| Friends | | 2 | | | |
| | 99 | 265 | 1 | 3 | 35 |

The amount appropriated for this work was Two thousand dollars (\$2,000.00), and of this amount, \$1,318.02 was expended for the care of the lots and graves, \$651.54 for fitting lots and graves, fitting stones and other work necessary on the lots, \$6.50 for printing, making a total of \$1,976.06, and leaving a balance of \$23.94.

Respectfully submitted,

SIDNEY B. DEMORANVILLE,
Caretaker of Soldiers' and
Sailors' Graves.

CITY OF NEW BEDFORD

IN BOARD OF ALDERMEN,

January 24, 1929.

Received, ordered printed in the City Documents and
sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,

January 24, 1929.

Concurred.

RUTH G. HILTON,
Clerk.

THE
Auditor's Annual Report

OF THE
Receipts and Expenditures

OF THE
CITY OF NEW BEDFORD
MASSACHUSETTS

For the Year

1928

THE A. E. COFFIN PRESS—PRINTERS
NEW BEDFORD, MASS.
1929.

CITY OF NEW BEDFORD

OFFICE OF THE CITY AUDITOR.

To the Honorable the City Council:

I respectfully submit herewith a report of the receipts and expenditures of the City of New Bedford for the financial year 1928, with a statement of the bonded debt and a schedule of the city property.

CHARLES J. MCGURK,

City Auditor.

APPROPRIATIONS, RECEIPTS AND EXPENDITURES, FINANCIAL YEAR 1928.

| ACCOUNTS | Appropriations from the Revenue of 1928 | Appropriations from the Pro- ceeds of Bond Issues and Revenue of Prior Years | Cash Receipts and Other Credits 1928 | Expenditures for 1928 |
|--|--|---|---|-----------------------------|
| Board of appeals | \$2,700.00 | | | \$2,613.10 |
| Board of assessors | 22,000.00 | | | 21,854.88 |
| Board of health | 221,000.00 | \$1,782.00 | \$27,652.78 | 219,188.12 |
| Board of public welfare | 450,500.00 | 64,696.38 | 48,565.39 | 576,637.52 |
| Board of survey | 50.00 | | | |
| Bonds, revenue | 1,299,000.00 | | 585,000.00 | 1,329,000.00 |
| Bridges | 33,000.00 | | | 32,948.51 |
| Cemetery board | 27,000.00 | | 38,412.96 | 64,710.53 |
| Cemeteries, sale of lots | | | 8,945.00 | 10,054.60 |
| Cemetery 6% income fund | | | 1,604.10 | 1,871.11 |
| City auditor | 11,420.00 | | | 11,375.55 |
| City clerk | 28,000.00 | | 10,931.16 | 26,957.63 |
| City council | 4,360.00 | | | 3,547.82 |
| City engineer | 43,000.00 | | 60.00 | 42,991.77 |
| City forestry | 21,600.00 | | 12.82 | 21,599.72 |
| City messenger | 67,000.00 | | 3,078.81 | 66,993.08 |
| City physician | 2,000.00 | | | 2,000.00 |
| City property committee | 2,500.00 | | 1,927.09 | 1,038.39 |
| City solicitor | 6,500.00 | | 100.00 | 6,423.65 |
| City treasurer and collector | 40,000.00 | | 5,997.06 | 39,998.30 |
| Clerk of committees | 6,200.00 | | | 5,998.02 |
| Committee on claims | 360.00 | | | 286.25 |
| Court judgments | | | | 9,197.27 |
| Cove bulkhead, reconstruction | | | | 4,000.00 |
| Cove bulkhead, rip rap | | | | 8,960.00 |
| Department of wharves | | 8,960.00 | | 3,543.69 |
| Elections | 18,000.00 | | 4,826.68 | 17,218.84 |
| Fire department | 517,000.00 | | 249.50 | 505,906.96 |
| Garbage collection | 57,216.00 | | | 57,216.00 |
| Garbage disposal | 45,000.00 | | 100.00 | 43,934.97 |
| Harbor master | 457.00 | | | 452.00 |
| Highway dept., new buildings | | 5,000.00 | | 20,816.64 |
| Highway department yard | 15,000.00 | | | 15,000.00 |
| Highway improvement, C. 44, §7, (6) | | | 456.87 | 620.40 |
| Highway improvement, C. 44, §7, (7) | 55,000.00 | 400,000.00 | 86,034.48 | 548,744.75 |
| Highways | 440,000.00 | | 130,838.10 | 551,751.19 |
| Highways, Clarks' Cove sea wall | | | | 9,552.96 |
| Inspector of animals | 600.00 | | | 600.00 |
| Inspector of buildings | 21,000.00 | | 52.00 | 20,195.04 |
| Inspector of wires | 21,000.00 | | | 20,874.16 |
| Interest | 590,275.00 | | 55,026.27 | 642,523.48 |
| Labor service registrar | 600.00 | | | 545.10 |
| Licensing board | 3,300.00 | | 5,002.00 | 3,216.24 |
| Mayor | 16,000.00 | 500.00 | 2,237.00 | 15,363.98 |
| Mayor, harbor improvement | | | | 93.65 |
| Memorial Day | 2,000.00 | | | 1,999.51 |
| Military aid | 700.00 | | 667.00 | 1,362.00 |
| Militia | 1,500.00 | | | 1,443.57 |
| New Bedford Textile School | 10,000.00 | | | 10,000.00 |
| New Bedford Vocational School | 144,000.00 | 1,000.00 | 85,415.98 | 152,431.48 |
| New Vocational School | 15,000.00 | 150,000.00 | | 90,393.16 |
| New vocational school, architect | | | | 3,000.00 |
| Notes, temporary loans | | | 6,250,000.00 | 5,500,000.00 |
| Park commission | 70,000.00 | | 1,375.70 | 69,998.66 |
| Planning board | 400.00 | | | 184.54 |
| Police | 595,000.00 | | 27,002.63 | 619,527.62 |
| Police station repairs | | | | 1,290.00 |
| Premiums on bonds | | | 3,778.00 | 707.50 |
| Public baths | 9,000.00 | | 4,324.85 | 8,985.59 |
| Public library | 63,000.00 | | 1,493.44 | 62,992.62 |
| Public library, James B. Congdon fund | | | 23.75 | 47.58 |
| Public library, George O. Crocker fund | | | 455.48 | 371.64 |
| Public library, Oliver Crocker fund | | | 47.50 | 48.00 |
| Public library, Edward Denham fund | | | 372.69 | |
| Public library, dog fund | | | 4,651.58 | 4,645.76 |
| Public library, George Howland, Jr. fund | | | 76.00 | 116.21 |
| Public library, Sylvia Ann Howland fund | | | 2,172.37 | 2,043.96 |
| Public library, Charles W. Morgan fund | | | 47.50 | 67.33 |
| Public library, Charles L. Wood fund | | | 95.00 | 113.13 |
| Public library, Kempton fund | | | 11,238.54 | 11,244.67 |
| Public school, architect junior high | | 145.25 | | 145.25 |
| Public school, south junior high grading | | 10,510.67 | | 7,170.66 |
| Public school, Acushnet avenue, land | | 6,500.00 | | 6,500.00 |
| Public schools, Bourne Prize fund | | | 62.50 | 60.00 |
| Public schools, continuation schools | 65,000.00 | | 40,342.88 | 72,307.69 |
| Public schools, dog fund | | | 4,551.40 | 2,847.15 |
| Public schools, equipment junior high | | | | 5,346.00 |
| Public schools, Sylvia Ann Howland fund | | | 2,172.36 | 2,397.15 |
| Public schools, incidentals | 290,000.00 | | 22,913.08 | 286,142.43 |
| Public schools, Charles S. Paisler fund | | | 870.09 | 502.32 |
| Public schools, pay of teachers | 1,300,000.00 | 15,000.00 | | 1,304,942.32 |
| Public schools, repair of buildings | 28,000.00 | | | 23,999.81 |
| Refunds | | | | 381,868.96 |
| Registrars of voters | 9,000.00 | | 5.00 | 8,715.02 |
| Rent, American Legion headquarters | 2,000.00 | | | 2,000.00 |
| Rent, G. A. R. headquarters | 1,200.00 | | | 1,200.00 |
| Sealer of weights and measures | 13,200.00 | | 2,509.12 | 13,187.31 |
| Sewage disposal | 32,400.00 | | 1,801.69 | 33,688.71 |
| Sewer construction | | 62,423.54 | 11,463.68 | 72,658.57 |
| Sewer entry fees | | | 45.00 | |
| Sewers and drains | 27,000.00 | | 31,858.58 | 51,890.73 |
| Sinking fund commissioners | 360.00 | | | 360.00 |
| Smith-Hughes fund, continuation schools | | | 5,894.05 | 5,860.35 |
| Smith-Hughes fund, vocational school | | | 11,755.17 | 7,610.25 |
| Soldiers burials | 139.04 | | | 100.00 |
| Soldiers and sailors graves | 2,000.00 | | | 1,976.06 |
| Soldiers relief | 83,000.00 | 30,000.00 | 335.36 | 114,254.60 |
| Soldiers tax exemptions | | | | 513.91 |
| State aid | 123,000.00 | | 2,910.00 | 2,514.00 |
| Street lighting | | | | 122,830.17 |
| Street construction, Shaw street | | 2,000.00 | | 2,000.00 |
| Street widening, County and Fair streets | | | | 14.46 |
| Street widening, Union street | | | 196.07 | 5,930.78 |
| Taxes, revenue 1928 | | 250,000.00 | 4,608,798.14 | 530,445.18 |
| Taxes of prior years | | | 914,596.08 | |
| Taxes, corporation | | | 760,707.89 | |
| Taxes, income | | | 691,265.55 | |
| Tax titles | | | 6,466.80 | 10.00 |
| Vital statistics | 2,300.00 | | | 2,170.89 |
| Water works, general account | | | 378,646.55 | 451,248.96 |
| Water works, C. 400, 1924 | | | 160.00 | 2,640.00 |
| SPECIAL RECEIPTS AND DISBURSE- MENTS BY THE CITY TREASURER: | \$6,977,698.00 | \$1,008,517.84 | \$14,910,814.16 | \$15,059,480.09 |
| Cash discrepancies | | | 956.24 | 547.53 |
| Cemetery perpetual care deposits | | | 15,572.71 | 15,572.71 |
| Department advances | | | 4,584.26 | 4,584.26 |
| Highway deposits | | | 7,561.14 | 15,001.26 |
| Pay roll tailings | | | 58.19 | 13.45 |
| Salary advances | | | 20,899.99 | 20,885.81 |
| Sewer deposits | | | 8,273.50 | 16,507.58 |
| | | | \$14,968,720.19 | \$15,132,592.69 |
| Unpaid warrants | | | 246,611.07 | 222,499.74 |
| Cash | | | 1,528,831.52 | 1,389,070.35 |
| | | | \$16,744,162.78 | \$16,744,162.78 |

RECEIPTS

| SOURCES OF RECEIPTS | Revenue for Expenses | Revenue for Outlays | Total |
|-----------------------------------|----------------------------|---------------------------|----------------|
| TAXES. | | | |
| 1928 Property | \$3,974,983.98 | \$70,000.00 | |
| Polls | 43,326.00 | | |
| Prior Years. Property | 899,498.08 | | |
| Polls | 15,098.00 | | |
| From the Commonwealth: | | | |
| Corporations | 741,656.53 | | |
| Street railway | 5,360.52 | | |
| National bank | 13,216.93 | | |
| Trust company | 473.91 | | |
| Income | 691,265.55 | | |
| Total | \$6,384,879.50 | \$70,000.00 | \$6,454,879.50 |
| LICENSES AND PERMITS. | | | |
| Amusements | \$3,188.67 | | |
| Auctioneers | 134.00 | | |
| Automobile dealers | 855.00 | | |
| Billiards and bowling | 1,721.50 | | |
| Building cbstruction | 4.00 | | |
| Elevators | 51.00 | | |
| Firearms and gunpowder | 21.00 | | |
| Fruit and fish pedlers | 891.00 | | |
| Garages | 193.00 | | |
| Health | 1,007.00 | | |
| Intelligence offices | 18.00 | | |
| Junk collectors and dealers | 516.00 | | |
| Liquor | 32.00 | | |
| Lodging houses | 276.00 | | |
| Marriages | 703.00 | | |
| Pawnbrokers | 200.00 | | |
| Petroleum | 45.00 | | |
| Public vehicles | 602.50 | | |
| Shellfish | 137.00 | | |
| Soft drinks | 151.00 | | |
| Special police | 173.00 | | |
| Sunday | 2,485.00 | | |
| Transient vendors | 572.08 | | |
| Victuallers | 1,145.00 | | |
| Total | \$15,121.75 | | \$15,121.75 |
| FINES AND FORFEITS. | | | |
| Court fines | \$16,571.01 | | \$16,571.01 |

RECEIPTS

| SOURCES OF RECEIPTS | Revenue for Expenses | Revenue for Outlays | Total |
|---|----------------------------|---------------------------|--------------|
| GRANTS AND GIFTS. | | | |
| From Bristol County, dog fund | \$9,102.80 | | |
| From the Commonwealth: | | | |
| Vocational education | 90,224.21 | | |
| For English speaking classes | 11,486.24 | | |
| Smith-Hughes fund | 17,649.22 | | |
| Boxing commission | 485.08 | | |
| Total | \$128,947.55 | | \$128,947.55 |
| SPECIAL ASSESSMENTS. | | | |
| Highways | | \$7,705.33 | |
| Sewers | | 9,621.71 | |
| Sidewalks | | 31,186.18 | |
| Total | | \$48,513.22 | \$48,513.22 |
| DEPARTMENTAL. | | | |
| General Government. | | | |
| City clerk, fees and sundries | \$4,603.71 | | |
| City collector, fees and costs | 4,961.98 | | |
| City engineer, sales | 60.00 | | |
| City property, rent and sales | 1,927.09 | | |
| Licensing board, fees | 33.00 | | |
| Board of registrars, sales | 5.00 | | |
| Total | \$11,590.78 | | \$11,590.78 |
| Protection of Persons and Property. | | | |
| Police department, sales and services | \$108.14 | | |
| Fire department, reimbursements.. | 157.00 | | |
| Building inspection, garage | 1.00 | | |
| City sealer, fees | 2,478.74 | | |
| City forestry, trimming trees | 12.82 | | |
| Total | \$2,757.70 | | \$2,757.70 |
| Health and Sanitation. | | | |
| Board of health, reimbursements.. | \$26,471.11 | | |
| Garbage disposal, sales | 100.00 | | |
| Sanitary station, fees and sales .. | 2,988.71 | | |
| Sewage disposal, service | 1,644.63 | | |
| Sewer entry fees | 45.00 | | |
| Sewers, service and supplies | 18,201.77 | \$205.57 | |
| Total | \$49,451.22 | \$205.57 | \$49,656.79 |
| Highways. | | | |
| Highways, labor and material | \$18,312.17 | \$11,320.77 | |
| Highways, sales | 204.47 | | |
| Total | \$18,516.64 | \$11,320.77 | \$29,837.41 |

AUDITOR'S REPORT

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RECEIPTS

| SOURCES OF RECEIPTS | Revenue for Expenses | Revenue for Outlays | Total |
|--------------------------------------|----------------------------|---------------------------|--------------|
| Charities. | | | |
| Board of Public Welfare. | | | |
| Almshouse, sales and sundries .. | \$2,540.88 | | |
| From individuals | 3,295.54 | | |
| From other cities and towns | 12,369.90 | | |
| From the Commonwealth | 17,173.25 | | |
| Mothers aid from Commonwealth | 13,173.73 | | |
| Total | \$48,553.30 | | \$48,553.30 |
| Soldiers Benefits. | | | |
| Burial of soldiers | \$139.04 | | |
| Military aid | 667.00 | | |
| Soldiers relief | 257.36 | | |
| State aid | 2,910.00 | | |
| Total | \$3,973.40 | | \$3,973.40 |
| Schools. | | | |
| Public schools, sales | \$651.33 | | |
| Public schools, tuition | 10,019.53 | | |
| Continuation schools, sales | 872.25 | | |
| Continuation schools, tuition | 5,963.88 | | |
| Vocational school, sales | 7,448.36 | | |
| Vocational school, tuition | 21,229.20 | | |
| Junior high school, sales | 745.98 | | |
| Total | \$46,930.53 | | \$46,930.53 |
| Libraries. | | | |
| Public library, fines and sales | \$1,435.89 | | |
| Total | \$1,435.89 | | \$1,435.89 |
| Recreation. | | | |
| Bathing houses, fees | \$4,044.85 | | |
| Bathing houses, privileges | 280.00 | | |
| Parks, privileges | 1,175.00 | | |
| Parks, sales | 200.70 | | |
| Total | \$5,700.55 | | \$5,700.55 |
| PUBLIC SERVICE ENTERPRISES. | | | |
| Water Works. | | | |
| From sales of water | \$341,776.96 | | |
| From other sources | 20,812.90 | \$135.00 | |
| Total | \$362,589.86 | \$135.00 | \$362,724.86 |

RECEIPTS

| SOURCES OF RECEIPTS | Revenue for Expenses | Revenue for Outlays | Total |
|---|----------------------------|---------------------------|----------------|
| Wharves. | | | |
| Rent, sales and service | \$4,826.68 | | |
| Total | \$4,826.68 | | \$4,826.68 |
| CEMETERIES. | | | |
| Sale of lots and graves | \$8,765.00 | | |
| Care of lots | 17,628.26 | | |
| Care of endowed lots | 16,940.53 | | |
| Total | \$43,333.79 | | \$43,333.79 |
| INTEREST. | | | |
| On assessments | \$2,670.60 | | |
| On claims discounted | 93.66 | | |
| On deposits | 17,635.29 | | |
| On library funds | 14,490.83 | | |
| On school funds | 3,089.95 | | |
| On taxes | 33,232.97 | | |
| Total | \$71,213.30 | | \$71,213.30 |
| SOURCES OF RECEIPTS | Revenue for Expenses | Indebtedness | Total |
| MUNICIPAL INDEBTEDNESS. | | | |
| Temporary revenue loans | | \$6,250,000.00 | |
| Highway improvement loan | | 400,000.00 | |
| School purposes loan | | 150,000.00 | |
| Premiums on bonds | \$3,778.00 | | |
| Unpaid warrants of current year.. | | 246,611.07 | |
| Total | \$3,778.00 | \$7,046,611.07 | \$7,050,389.07 |
| SOURCES OF RECEIPTS | Revenue for Expenses | Non- Revenue | Total |
| SINKING FUNDS. | | | |
| From commissioners to meet mat- uring sewer loan | | \$35,000.00 | |
| Total | | \$35,000.00 | \$35,000.00 |

AUDITOR'S REPORT

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RECEIPTS

| SOURCES OF RECEIPTS | Revenue for Expenses | Temporary Accounts | Total |
|---------------------------------------|----------------------------|-----------------------|-----------------|
| AGENCY, TRUST AND INVEST- MENT. | | | |
| State taxes | | \$262,650.00 | |
| County taxes | | 264,304.96 | |
| Cash discrepancies | | 956.24 | |
| Cemetery, perpetual care deposits.. | | 15,572.71 | |
| Department advances returned ... | | 4,584.26 | |
| Highway deposits | | 7,561.14 | |
| Salary advances returned | | 20,899.99 | |
| Sewer deposits | | 8,273.50 | |
| Pay roll tailings | | 58.19 | |
| Total | | \$584,860.99 | \$584,860.99 |
| REFUNDS. | | | |
| General departments | | 1,143.56 | |
| Accrued interest | | 1,393.75 | |
| Total | | \$2,537.31 | \$2,537.31 |
| Total Cash Receipts | | | \$15,019,355.38 |
| Service, interest and minor transfers | | | 195,975.88 |
| | | | \$15,215,331.26 |
| Cash at the beginning of the year | | | 1,528,831.52 |
| | | | \$16,744,162.78 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|---|-------------|----------|-------------|
| GENERAL GOVERNMENT. | | | |
| City Council. | | | |
| Salaries of aldermen (6) | \$600.00 | | |
| Salary of clerk of common council | 500.00 | | |
| Clerical services | 435.00 | | |
| Compensation of pages | 180.00 | | |
| Advertising | 391.77 | | |
| City documents expenses | 954.05 | | |
| Land registry fees | 81.35 | | |
| Printing, postage and stationery.. | 280.20 | | |
| All other expenses | 125.45 | | |
| Total | \$3,547.82 | | \$3,547.82 |
| City Property Committee. | | | |
| Advertising | \$52.81 | | |
| Carriage hire | 12.00 | | |
| Fuel, new vocational school | | \$847.97 | |
| Municipal building painting | 24.25 | | |
| Veterans headquarters charges ... | 101.36 | | |
| West end police station, repairs .. | 1,290.00 | | |
| Total | \$1,480.42 | \$847.97 | \$2,328.39 |
| Clerk of Committees. | | | |
| Salary of clerk of committees ... | \$2,600.00 | | |
| Clerk hire | 3,088.94 | | |
| Advertising, printing and stationery | 186.98 | | |
| All other expenses | 122.10 | | |
| Total | \$5,998.02 | | \$5,998.02 |
| Mayor. | | | |
| Salary of mayor | \$7,572.08 | | |
| Salary of secretary to mayor | 2,523.67 | | |
| Salary of stenographer | 1,102.50 | | |
| Salary of messenger | 2,100.00 | | |
| Advertising | 54.27 | | |
| Entertainment of guests | 45.90 | | |
| Legislative report service | 150.00 | | |
| Military funeral expenses | 270.00 | | |
| Printing and stationery | 240.51 | | |
| Telephone service | 164.54 | | |
| Traveling and office expenses | 1,069.51 | | |
| All other expenses | 164.65 | | |
| Total | \$15,457.63 | | \$15,457.63 |

AUDITOR'S REPORT

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PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|--|-------------|----------|-------------|
| City Auditor. | | | |
| Salary of city auditor | \$4,500.00 | | |
| Clerk hire | 5,411.50 | | |
| Printing and stationery | 1,341.75 | | |
| All other expenses | 122.30 | | |
| Total | \$11,375.55 | | \$11,375.55 |
| Auditing Municipal Accounts. | | | |
| Audit by State examiners | \$3,490.22 | | |
| Total | \$3,490.22 | | \$3,490.22 |
| City Treasurer and Collector. | | | |
| Salary of city treasurer & collector | \$4,000.00 | | |
| Special collectors, compensation .. | 2,688.00 | | |
| Clerk hire | 23,747.50 | | |
| Advertising and printing | 1,700.81 | | |
| Carriage hire and travel expenses .. | 2,061.97 | | |
| Insurance | 2,232.46 | | |
| Postage and stationery | 2,353.30 | | |
| Registry fees | 430.95 | | |
| All other expenses | 469.31 | \$314.00 | |
| Total | \$39,684.30 | \$314.00 | \$39,998.30 |
| Board of Assessors. | | | |
| Salaries of assessors (3) | \$9,000.00 | | |
| Assistant assessors, compensation .. | 587.50 | | |
| Clerk hire | 9,371.85 | | |
| Advertising, printing and stationery .. | 1,422.58 | | |
| Carriage hire and travel expenses .. | 567.87 | | |
| Office supplies, fixtures and expenses | 451.08 | \$454.00 | |
| Total | \$21,400.88 | \$454.00 | \$21,854.88 |
| Licensing Board. | | | |
| Salaries of board (3) | \$1,374.86 | | |
| Clerk hire | 1,714.00 | | |
| Advertising and printing | 100.18 | | |
| All other expenses | 27.20 | | |
| Total | \$3,216.24 | | \$3,216.24 |
| Sinking Fund Commissioners. | | | |
| Salary of treasurer of funds | \$300.00 | | |
| Safe deposit rent | 60.00 | | |
| Total | \$360.00 | | \$360.00 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|---|-------------|----------|-------------|
| Premium on Bonds. | | | |
| Legal opinions | \$375.00 | | |
| Printing bonds | 332.50 | | |
| Total | \$707.50 | | \$707.50 |
| City Solicitor. | | | |
| Salary of city solicitor | \$5,000.00 | | |
| Printing and stationery | 383.53 | | |
| Office and traveling expenses | 1,040.12 | | |
| Total | \$6,423.65 | | \$6,423.65 |
| City Clerk. | | | |
| Salary of city clerk | \$4,240.38 | | |
| Salary of assistant city clerk | 2,826.92 | | |
| Clerk hire | 16,293.50 | | |
| Advertising, printing and stationery | 2,086.14 | | |
| License badges and plates | 371.85 | | |
| Office fixtures, supplies and ex- penses | 674.78 | \$464.06 | |
| Total | \$26,493.57 | \$464.06 | \$26,957.63 |
| Labor Service Registrar. | | | |
| Salary of registrar | \$500.00 | | |
| All other expenses | 45.10 | | |
| Total | \$545.10 | | \$545.10 |
| City Messenger. | | | |
| Salary of city messenger | \$200.00 | | |
| Other expenses of city messenger.. | 397.77 | | |
| Pay rolls, public buildings | 48,645.12 | | |
| Buildings repairs and supplies | 1,781.88 | | |
| Equipment repairs and supplies .. | 1,206.07 | | |
| Fuel and lighting charges | 9,049.28 | | |
| Janitor supplies..... | 1,051.55 | | |
| Telephone switchboard expenses .. | 3,747.94 | | |
| Water rates | 796.02 | | |
| All other expenses | 117.45 | | |
| Total | \$66,993.08 | | \$66,993.08 |
| Planning Board. | | | |
| Clerical services | \$35.00 | | |
| Printing and stationery | 57.99 | | |
| Traveling expenses | 68.75 | | |
| All other expenses | 22.80 | | |
| Total | \$184.54 | | \$184.54 |

AUDITOR'S REPORT

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PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|--|-------------|---------|---------------------|
| Board of Appeals. | | | |
| Compensation of clerk | \$2,019.15 | | |
| Compensation of stenographer ... | 413.70 | | |
| Advertising, printing and stationery | 124.85 | | |
| Postage | 55.40 | | |
| Total | \$2,613.10 | | \$2,613.10 |
| City Engineer. | | | |
| Salary of city engineer | \$4,038.46 | | |
| Compensation of assistants | 33,457.28 | | |
| Clerk hire | 3,150.00 | | |
| Advertising, printing and stationery | 351.67 | | |
| Drawing supplies | 236.00 | | |
| Transportation charges | 1,651.45 | | |
| All other expenses | 106.91 | | |
| Total | \$42,991.77 | | \$42,991.77 |
| Elections. | | | |
| Pay of election officers | \$9,609.00 | | |
| Cost of other services | 673.50 | | |
| Advertising, printing and stationery | 2,556.17 | | |
| Carriage hire and carting | 695.00 | | |
| Equipment of polling places | 2,035.10 | | |
| Rent of polling places | 1,600.00 | | |
| All other expenses | 50.07 | | |
| Total | \$17,218.84 | | \$17,218.84 |
| Registrars of Voters. | | | |
| Salaries of registrars (4) | \$1,600.00 | | |
| Salary of assistant registrar | 200.00 | | |
| Clerk hire | 4,455.00 | | |
| Advertising, printing and stationery | 2,429.65 | | |
| All other expenses | 30.37 | | |
| Total | \$8,715.02 | | \$8,715.02 |
| Total, General Government | | | \$280,977.28 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|--|--------------|------------|--------------|
| PROTECTION OF PERSONS AND PROPERTY. | | | |
| Police. | | | |
| Pay rolls, salaries and wages | \$580,529.64 | | |
| Pay rolls, pensions | 13,273.21 | | |
| Keeper of lockup, compensation .. | 95.80 | | |
| Dog officer, compensation | 145.25 | | |
| Building maintenance and supplies | 2,789.75 | | |
| Fuel charges | 2,509.64 | | |
| Labor trouble charges | 3,443.61 | | |
| Lighting charges | 1,510.92 | | |
| Meals for prisoners | 190.00 | | |
| Motor equipment and expenses ... | 8,202.93 | \$1,776.83 | |
| Other equipment and supplies | 756.50 | | |
| Office and traveling expenses | 574.02 | | |
| Printing and stationery | 1,668.44 | | |
| Surgical service and supplies | 463.23 | | |
| Telephone service | 1,597.85 | | |
| Total | \$617,750.79 | \$1,776.83 | \$619,527.62 |
| Harbor Master. | | | |
| Salary of harbor master | \$400.00 | | |
| Use of boat | 52.00 | | |
| Total | \$452.00 | | \$452.00 |
| Fire Department. | | | |
| Pay rolls, salaries and wages | \$460,262.02 | | |
| Pay rolls, pensions | 6,779.18 | | |
| Protecting society | 200.00 | | |
| Motor equipment and supplies ... | 16,181.70 | | |
| Other equipment and repairs | 2,723.09 | | |
| Signal system charges | 2,434.13 | | |
| Fuel charges | 6,150.35 | | |
| Light and power | 3,672.99 | | |
| Stations, repairs and supplies | 5,093.41 | | |
| Printing and stationery | 618.11 | | |
| Surgical services and supplies | 617.39 | | |
| Telephone service | 1,071.49 | | |
| All other expenses | 103.10 | | |
| Total | \$505,906.96 | | \$505,906.96 |
| Committee on Military Affairs. | | | |
| Paddock charges | \$455.18 | | |
| Range charges | 618.27 | | |
| Transportation charges | 370.12 | | |
| Total | \$1,443.57 | | \$1,443.57 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|---|--------------------|-----------------|-----------------------|
| Superintendent of Public Buildings and Inspector of Buildings. | | | |
| Salary of superintendent and inspector | \$3,533.85 | | |
| Compensation of assistants | 12,545.40 | | |
| Clerk hire | 1,995.00 | | |
| Printing and stationery | 672.68 | | |
| Motor car maintenance | 898.12 | | |
| Razing Jordan house | 146.40 | | |
| All other expenses | 403.59 | | |
| Total | \$20,195.04 | | \$20,195.04 |
| Inspector of Wires. | | | |
| Salary of inspector | \$2,018.63 | | |
| Compensation of assistants | 6,300.99 | | |
| Clerk hire | 2,810.00 | | |
| Motor cars and maintenance | 1,192.27 | \$640.00 | |
| Office equipment and expenses ... | 154.51 | | |
| Printing and stationery | 238.11 | | |
| Traveling expenses | 581.04 | | |
| Police signal system, pay rolls.... | 6,016.55 | | |
| Police signal system, other charges | 922.06 | | |
| Total | \$20,234.16 | \$640.00 | \$20,874.16 |
| City Forestry. | | | |
| Salary of city forester | \$2,019.15 | | |
| Pay rolls, labor and teaming | 13,549.60 | | |
| Accident account | 1,076.93 | | |
| Care of shade trees | 1,183.11 | | |
| Equipment, repairs and supplies... | 325.30 | | |
| Forestry supplies | 452.67 | | |
| Motor cars maintenance | 1,136.71 | \$547.50 | |
| Tree removal expenses | 971.17 | | |
| All other expenses | 337.58 | | |
| Total | \$21,052.22 | \$547.50 | \$21,599.72 |
| Sealer of Weights and Measures. | | | |
| Salary of city sealer | \$2,515.66 | | |
| Salaries of deputy sealers | 8,150.90 | | |
| Clerk hire | 1,465.35 | | |
| Janitor service | 106.00 | | |
| Motor car maintenance | 649.01 | | |
| Equipment supplies | 101.85 | | |
| All other expenses | 198.54 | | |
| Total | \$13,187.31 | | \$13,187.31 |
| Total, Protection of Persons and Property | | | \$1,203,186.38 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|--|--------------|---------|--------------|
| HEALTH AND SANITATION. | | | |
| Board of Health. | | | |
| Salaries of board (3) | \$2,082.65 | | |
| Salary of agent | 4,000.00 | | |
| Salary of director of field work... | 4,000.00 | | |
| Other general salaries | 12,009.19 | | |
| Clerk hire | 7,024.50 | | |
| Advertising and printing | 1,273.76 | | |
| Chemical and medical supplies | 1,171.75 | | |
| Motor cars maintenance | 3,681.43 | | |
| Traveling expenses | 621.81 | | |
| Other general expenses | 950.79 | | |
| Contagious diseases, clinic rent ... | 2,420.04 | | |
| Contagious diseases, nurses | 1,508.75 | | |
| Contagious diseases, hospitals | 2,373.75 | | |
| Contagious diseases, other towns .. | 1,088.68 | | |
| Contagious diseases, physicians ... | 3,038.30 | | |
| Contagious diseases, other charges.. | 786.10 | | |
| Dental clinic, salaries and wages.. | 12,633.06 | | |
| Dental clinic, equipment and sup- plies | 1,541.34 | | |
| Infant welfare, physicians and nur- ses | 17,985.38 | | |
| Infant welfare, other expenses | 1,602.48 | | |
| Isolation hospital, salaries and wages | 2,904.54 | | |
| Isolation hospital, other expenses.. | 4,107.22 | | |
| Milk and slaughter, inspection ... | 7,991.64 | | |
| Milk and slaughter expenses | 421.44 | | |
| Plumbing inspector, salaries (2)... | 5,000.00 | | |
| Sanitary inspector, salaries | 7,177.50 | | |
| Schools, medical inspection | 1,200.00 | | |
| Schools, nurses | 2,515.00 | | |
| Tuberculosis, hospitals | 93,256.77 | | |
| Tuberculosis, nurses | 3,645.00 | | |
| Tuberculosis, physicians | 2,739.00 | | |
| Tuberculosis, other towns | 3,482.13 | | |
| Tuberculosis, other expenses | 814.29 | | |
| Pest house, wages | 357.00 | | |
| Pest house, other charges | 320.33 | | |
| Vaccination fees | 1,462.50 | | |
| Total | \$219,188.12 | | \$219,188.12 |
| City Physician. | | | |
| Salary of city physician | \$2,000.00 | | |
| Total | \$2,000.00 | | \$2,000.00 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|-------------------------------------|-------------|-------------|-------------|
| Inspector of Animals | | | |
| Salary of inspector | \$600.00 | | |
| Total | \$600.00 | | \$600.00 |
| Vital Statistics. | | | |
| Canvass by city clerk, pay rolls... | \$931.89 | | |
| Fees for birth and death returns.. | 1,239.00 | | |
| Total | \$2,170.89 | | \$2,170.89 |
| Sewers and Drains. | | | |
| Pay rolls, labor and teaming | \$32,764.29 | | |
| Equipment, repairs and supplies... | 2,029.03 | | |
| Pipe and fittings | 5,502.95 | | |
| Stock and labor, other accounts... | 11,567.42 | | |
| All other expenses | 27.04 | | |
| Total | \$51,890.73 | | \$51,890.73 |
| Sewage Disposal. | | | |
| Pay rolls, labor | \$20,308.66 | | |
| Accident account | 408.75 | | |
| Electric power and lighting | 8,270.51 | | |
| Equipment, repairs and supplies... | 1,787.63 | | |
| Fuel | 1,463.56 | | |
| Labor, other accounts | 477.75 | | |
| Water supply | 347.11 | | |
| All other expenses | 624.74 | | |
| Total | \$33,688.71 | | \$33,688.71 |
| Sewer Construction. | | | |
| Pay rolls, labor and teaming | | \$45,027.30 | |
| Trucking | | 1,157.52 | |
| Supervision and use of tools | | 3,343.43 | |
| Construction supplies | | 23,130.32 | |
| Total | | \$72,658.57 | \$72,658.57 |
| Garbage Collection. | | | |
| Collection contractor | \$57,216.00 | | |
| Total | \$57,216.00 | | \$57,216.00 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|---|-------------|---------|---------------------|
| Garbage Disposal. | | | |
| Salary of superintendent | \$3,000.00 | | |
| Pay rolls, garbage plant | 28,276.60 | | |
| Pay roll, accident account | 2,403.00 | | |
| Building alterations and supplies... | 2,048.36 | | |
| Fuel | 5,605.77 | | |
| Machinery repairs and supplies ... | 583.30 | | |
| Motor car maintenance | 809.51 | | |
| Travel expenses | 603.20 | | |
| All other expenses | 605.23 | | |
| Total | \$43,934.97 | | \$43,934.97 |
| Total, Health and Sanitation | | | \$483,347.99 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|---|--------------|--------------|--------------|
| HIGHWAYS. | | | |
| Highways. | | | |
| Pay rolls, labor and teaming | \$411,555.38 | | |
| Accident account | 2,031.44 | | |
| Buildings repaired | 782.22 | | |
| Brick and cement | 4,360.51 | | |
| Cinders, sand and gravel | 6,082.94 | | |
| Crushed stone | 18,453.16 | | |
| Electric power and lighting | 1,198.58 | | |
| Equipment, repairs and supplies ... | 18,175.46 | | |
| Fuel | 5,735.62 | | |
| Gasoline and motor oil | 14,592.00 | | |
| Hardware and tools | 1,459.06 | | |
| Labor and material from other accounts | 33,064.36 | | |
| Motor maintenance | 9,403.95 | | |
| New yard charges | 1,105.10 | | |
| Office supplies and expenses | 3,784.10 | | |
| Road binder | 10,897.89 | | |
| Road repair charges | 5,438.80 | | |
| Shop supplies and lumber | 1,482.43 | | |
| Street signs | 546.00 | | |
| Water supply | 907.91 | | |
| All other expenses | 694.28 | | |
| Total | \$551,751.19 | | \$551,751.19 |
| Highway Dept., New Buildings. | | | |
| Building contractor | | \$18,022.66 | |
| New fence | | 2,793.98 | |
| Total | | \$20,816.64 | \$20,816.64 |
| Highway Department Yard. | | | |
| Grading and roadway | | \$13,520.00 | |
| Moving contractor | | 1,480.00 | |
| Total | | \$15,000.00 | \$15,000.00 |
| Highway Improvement, No. 1. | | | |
| Pay rolls, labor and teaming | | \$620.40 | |
| Total | | \$620.40 | \$620.40 |
| Highway Improvement, No. 2. | | | |
| Pay rolls, labor and teaming | | \$187,439.86 | |
| Bitulithic pavement | | 45,651.56 | |
| Curbing | | 66,627.53 | |
| Road binder | | 42,493.10 | |
| Sand, stone and gravel | | 136,309.80 | |
| Sidewalks, contractor | | 13,980.40 | |
| Stock and labor from other accounts | | 56,242.50 | |
| Total | | \$548,744.75 | \$548,744.75 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|--|--------------|------------|----------------|
| Widening, Southwest Corner County and Fair Streets. | | | |
| Labor and material | | \$14.46 | |
| Total | | \$14.46 | \$14.46 |
| Widening, Union Street, Water to Front Streets. | | | |
| Pay rolls, labor and teaming | | \$2,397.08 | |
| Construction material | | 3,533.70 | |
| Total | | \$5,930.78 | \$5,930.78 |
| Shaw Street Construction. | | | |
| Stock, labor and teaming | | \$2,000.00 | |
| Total | | \$2,000.00 | \$2,000.00 |
| Bridges. | | | |
| Pay rolls, labor | \$15,963.24 | | |
| Equipment, repairs and supplies.. | 13,864.40 | | |
| Light and power | 1,194.00 | | |
| Supervision and use of tools | 1,650.00 | | |
| All other expenses | 276.87 | | |
| Total | \$32,948.51 | | \$32,948.51 |
| Street Lighting. | | | |
| Salary of superintendent | \$1,000.00 | | |
| Damages, broken lamps | 292.61 | | |
| Electric lighting, contractor | 121,497.98 | | |
| All other expenses | 39.58 | | |
| Total | \$122,830.17 | | \$122,830.17 |
| Clarks' Cove Sea Wall. | | | |
| Contractor | | \$9,552.96 | |
| Total | | \$9,552.96 | \$9,552.96 |
| Cove Bulkhead, Reconstruction. | | | |
| Contractor | | \$4,000.00 | |
| Total | | \$4,000.00 | \$4,000.00 |
| Cove Bulkhead, Rip Rap. | | | |
| Contractor | | \$8,960.00 | |
| Total | | \$8,960.00 | \$8,960.00 |
| Total, Highways | | | \$1,323,169.86 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|-------------------------------------|--------------|---------|---------------------|
| CHARITIES. | | | |
| Board of Public Welfare. | | | |
| Salaries of overseers and secretary | \$4,285.93 | | |
| Compensation of clerks and visitors | 12,687.50 | | |
| Office and traveling expenses | 1,531.49 | | |
| Almshouse— | | | |
| Salaries and wages | 32,381.32 | | |
| Animal supplies | 4,889.11 | | |
| Building supplies and repairs ... | 6,259.02 | | |
| Dry goods and clothing | 1,751.55 | | |
| Fuel and lighting | 5,268.10 | | |
| Medical supplies | 1,950.47 | | |
| Motor car maintenance | 1,484.46 | | |
| Provisions | 22,036.23 | | |
| Transportation | 801.00 | | |
| All other expenses | 1,532.63 | | |
| Outside relief— | | | |
| Burials | 3,330.00 | | |
| Cash orders | 147,463.27 | | |
| Clothing | 5,711.27 | | |
| Fuel | 7,898.55 | | |
| Homes | 8,046.81 | | |
| Hospitals | 64,837.08 | | |
| Other cities and towns | 21,356.33 | | |
| Physicians and medicines | 12,212.50 | | |
| Provisions | 151,666.51 | | |
| State institutions | 9,117.14 | | |
| All other expenses | 1,455.61 | | |
| Mothers aid— | | | |
| Cash orders | 41,511.00 | | |
| Clothing | 901.94 | | |
| Fuel | 2,500.85 | | |
| Other cities and towns | 394.23 | | |
| Physicians and medicines | 999.82 | | |
| All other expenses | 375.80 | | |
| Total | \$576,637.52 | | \$576,637.52 |
| Total, Charities | | | \$576,637.52 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|--|--------------|---------|--------------|
| SOLDIERS BENEFITS. | | | |
| Burial of Soldiers. | | | |
| Burial agent | \$2.00 | | |
| Undertaker | 98.00 | | |
| Total | \$100.00 | | \$100.00 |
| Military Aid. | | | |
| Cash disbursements | \$1,362.00 | | |
| Total | \$1,362.00 | | \$1,362.00 |
| Rent, American Legion Headquarters. | | | |
| Post 1, American Legion | \$2,000.00 | | |
| Total | \$2,000.00 | | \$2,000.00 |
| Rent, G. A. R. Headquarters. | | | |
| William Logan Rodman, Post No. 1 | \$600.00 | | |
| R. A. Peirce Post, No. 190 | 600.00 | | |
| Total | \$1,200.00 | | \$1,200.00 |
| Soldiers Relief. | | | |
| Cash disbursements | \$83,164.31 | | |
| Fuel | 7,172.51 | | |
| Hospitals | 3,702.00 | | |
| Provisions and clothing | 16,466.20 | | |
| Physicians and medicines | 2,972.36 | | |
| Other cities and towns | 381.66 | | |
| All other expenses | 395.56 | | |
| Total | \$114,254.60 | | \$114,254.60 |
| Soldiers and Sailors Graves. | | | |
| Care and fitting of graves | \$1,976.06 | | |
| Total | \$1,976.06 | | \$1,976.06 |
| Soldiers Tax Exemptions. | | | |
| State charges | \$513.91 | | |
| Total | \$513.91 | | \$513.91 |
| State Aid. | | | |
| Cash disbursements | \$2,514.00 | | |
| Total | \$2,514.00 | | \$2,514.00 |
| Total, Soldiers Benefits | | | \$123,920.57 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|---|----------------|----------|----------------|
| PUBLIC SCHOOLS. | | | |
| Schools, Pay of Teachers. | | | |
| Day schools | \$1,271,444.82 | | |
| Evening schools and Americanization | 33,497.50 | | |
| Total | \$1,304,942.32 | | \$1,304,942.32 |
| Public Schools, Incidental Expenses. | | | |
| Salary of superintendent | \$6,562.50 | | |
| Salary of assistant | 4,543.26 | | |
| Clerk hire | 18,015.84 | | |
| Property inspector and mechanics | 10,396.75 | | |
| Attendance officers | 8,268.26 | | |
| Bus chauffeur and attendants | 2,012.50 | | |
| Janitors and cleaners | 117,412.93 | | |
| Health and hygiene, salaries | 22,009.83 | | |
| Other salaries and wages | 810.00 | | |
| Books and stationery supplies | 26,067.57 | | |
| Building repairs | 335.88 | | |
| County training school | 402.31 | | |
| Furniture and furnishings | 1,606.52 | | |
| Freight and carting | 521.65 | | |
| Fuel | 27,089.48 | | |
| Janitor supplies | 3,791.91 | | |
| Lighting and electric power | 9,912.78 | | |
| Office expenses | 497.75 | | |
| Physical education expenses | 377.32 | | |
| Printing and advertising | 1,987.08 | | |
| Special class room supplies | 10,659.31 | | |
| Telephone service | 2,681.98 | | |
| Transportation charges | 2,150.00 | | |
| Water rates | 7,409.47 | | |
| All other expenses | 619.55 | | |
| Total | \$286,142.43 | | \$286,142.43 |
| Public Schools, Repair of Buildings. | | | |
| Care of grounds | \$1,050.35 | | |
| Carpentry | 2,710.93 | | |
| Electrical work and supplies | 1,319.89 | \$643.10 | |
| Hardware and tools | 301.59 | | |
| Heating repairs | 3,931.00 | | |
| Mason work | 3,724.21 | | |
| Painting and glazing | 6,517.16 | | |
| Plumbing | 1,568.00 | | |
| Roofing | 2,233.58 | | |
| Total | \$23,356.71 | \$643.10 | \$23,999.81 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|---|--------------|----------|--------------|
| Continuation Schools. | | | |
| Salaries, director and teachers ... | \$59,588.24 | | |
| Clerk hire | 3,890.26 | | |
| Janitors and cleaners | 3,068.22 | | |
| Books and stationery supplies | 233.13 | | |
| Buildings maintenance | 181.11 | | |
| Car tickets | 545.00 | | |
| Class room supplies | 1,992.43 | | |
| Equipment repairs and supplies ... | 792.51 | | |
| Fuel | 789.10 | | |
| Light and power, electric | 792.94 | | |
| Office expenses | 434.75 | | |
| Total | \$72,307.69 | | \$72,307.69 |
| New Bedford Vocational School. | | | |
| Pay rolls, director and instructors | \$97,799.41 | | |
| Pay rolls, janitors and watchmen.. | 6,512.70 | | |
| Pay rolls, clerks | 2,400.66 | | |
| Books and stationery supplies ... | 2,655.95 | | |
| Building maintenance charges | 2,190.61 | | |
| Class room and shop supplies | 9,747.69 | | |
| Equipment and furnishings | 10,268.85 | \$850.00 | |
| Fuel | 3,588.10 | | |
| Light and power, electric | 2,479.00 | | |
| Office supplies and expenses | 1,735.36 | | |
| Pupil caretakers, compensation ... | 1,015.99 | | |
| Rent | 9,843.00 | | |
| Telephone service | 475.98 | | |
| Water supply | 283.41 | | |
| All other expenses | 584.77 | | |
| Total | \$151,581.48 | \$850.00 | \$152,431.48 |
| Public Schools, Dog fund. | | | |
| Motor car maintenance | \$1,208.05 | | |
| Musical instruments and supplies | 236.71 | | |
| Postage and box rent | 350.20 | | |
| Repairs to flags and poles | 190.40 | | |
| Street car tickets | 210.00 | | |
| Traveling expenses | 413.70 | | |
| All other expenses | 238.09 | | |
| Total | \$2,847.15 | | \$2,847.15 |
| Schools, Jonathan Bourne Prize Fund. | | | |
| Cash prizes for essays | \$60.00 | | |
| Total | \$60.00 | | \$60.00 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|--|-------------|-------------|-------------|
| Schools, Sylvia Ann Howland Fund. | | | |
| Books | \$31.77 | | |
| Musical instruments and supplies.. | 339.50 | | |
| Periodical subscriptions | 1,596.88 | | |
| Dramatic stage fittings | 429.00 | | |
| Total | \$2,397.15 | | \$2,397.15 |
| Schools, Charles S. Paisler High School Fund. | | | |
| Musical instruments and supplies.. | \$381.88 | | |
| Graduation expenses | 116.24 | | |
| Periodical subscriptions | 4.20 | | |
| Total | \$502.32 | | \$502.32 |
| Smith-Hughes Fund. | | | |
| Continuation schools, pay rolls ... | \$5,860.35 | | |
| Vocational school, pay rolls | 7,610.25 | | |
| Total | \$13,470.60 | | \$13,470.60 |
| Acushnet Avenue School, Land. | | | |
| Land adjoining school | | \$6,500.00 | |
| Total | | \$6,500.00 | \$6,500.00 |
| Architect, New Vocational School. | | | |
| Services of architect | | \$3,000.00 | |
| Total | | \$3,000.00 | \$3,000.00 |
| Architect, South Junior High School. | | | |
| Extra service | | \$145.25 | |
| Total | | \$145.25 | \$145.25 |
| Junior High Schools, Equipment. | | | |
| Furniture and other equipment .. | | \$5,346.00 | |
| Total | | \$5,346.00 | \$5,346.00 |
| New Vocational School. | | | |
| General contractor | | \$87,841.62 | |
| Water service instalment | | 2,551.54 | |
| Total | | \$90,393.16 | \$90,393.16 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|---|-------------|------------|----------------|
| South Junior High School, Grading. | | | |
| Labor and material | | \$7,170.66 | |
| Total | | \$7,170.66 | \$7,170.66 |
| New Bedford Textile School. | | | |
| Contribution for maintenance | \$10,000.00 | | |
| Total | \$10,000.00 | | \$10,000.00 |
| Total, Schools | | | \$1,981,656.02 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|---|-------------|---------|-------------|
| LIBRARIES. | | | |
| Free Public Library. | | | |
| Salaries and wages | \$57,018.84 | | |
| Books and binding | 2,793.20 | | |
| Fixtures and furniture repairs | 93.75 | | |
| Fuel charges at branches | 349.42 | | |
| Janitor supplies and laundry | 361.73 | | |
| Lighting charges | 506.39 | | |
| Minor building repairs | 227.78 | | |
| Printing and stationery | 885.60 | | |
| Telephone service | 226.44 | | |
| Transportation of books | 373.85 | | |
| All other expenses | 155.62 | | |
| Total | \$62,992.62 | | \$62,992.62 |
| Library, Dog Fund. | | | |
| Salaries and wages | \$4,382.18 | | |
| Periodical subscriptions | 233.30 | | |
| All other expenses | 30.28 | | |
| Total | \$4,645.76 | | \$4,645.76 |
| Library, James B. Congdon Fund. | | | |
| Books | \$47.58 | | |
| Total | \$47.58 | | \$47.58 |
| Library George O. Crocker Fund. | | | |
| Books | \$153.41 | | |
| Maps | 13.18 | | |
| Periodical subscriptions | 184.55 | | |
| Printing | 20.50 | | |
| Total | \$371.64 | | \$371.64 |
| Library, Oliver Crocker Fund. | | | |
| Periodical subscriptions | \$48.00 | | |
| Total | \$48.00 | | \$48.00 |
| Library, George Howland, Jr. Fund. | | | |
| Books | \$116.21 | | |
| Total | \$116.21 | | \$116.21 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|--|-------------|---------|--------------------|
| Library, Sylvia Ann Howland Fund. | | | |
| Books | \$300.60 | | |
| Binding | 1,237.92 | | |
| Periodical subscriptions | 74.78 | | |
| Printing and stationery | 430.66 | | |
| Total | \$2,043.96 | | \$2,043.96 |
| Library, Kempton Fund, | | | |
| GIFT OF SARAH E. POTTER. | | | |
| Books | \$7,729.27 | | |
| Binding | 1,787.03 | | |
| Newspapers and periodicals | 977.84 | | |
| Printing and stationery | 648.38 | | |
| All other expenses | 102.15 | | |
| Total | \$11,244.67 | | \$11,244.67 |
| Library, Charles W. Morgan Fund. | | | |
| Books | \$49.33 | | |
| Binding | 18.00 | | |
| Total | \$67.33 | | \$67.33 |
| Library, Charles L. Wood Fund. | | | |
| Books | \$96.86 | | |
| Binding | 16.27 | | |
| Total | \$113.13 | | \$113.13 |
| Total, Libraries | | | \$81,690.90 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|-------------------------------------|-------------|----------|-------------|
| RECREATION. | | | |
| Park Commission. | | | |
| Pay rolls, salaries and wages | \$54,051.69 | | |
| Animals and animal supplies | 1,938.87 | | |
| Buildings, fences and repairs | 2,839.44 | | |
| Equipment and repairs | 1,938.29 | | |
| Fuel | 896.21 | | |
| Hardware, tools and fittings | 729.11 | | |
| Lighting charges | 1,018.37 | | |
| Motors and maintenance | 1,577.05 | \$814.80 | |
| Office and traveling expenses | 498.59 | | |
| Plants, seeds and shrubs | 967.00 | | |
| Roads, grounds and walks | 1,579.14 | | |
| Telephone charges | 214.66 | | |
| Water supply | 556.00 | | |
| All other expenses | 379.44 | | |
| Total | \$69,183.86 | \$814.80 | \$69,998.66 |
| Public Baths. | | | |
| Pay rolls, attendants | \$6,281.33 | | |
| Police service | 632.00 | | |
| Fitting, equipment and supplies .. | 1,086.02 | | |
| Laundry | 375.80 | | |
| Lighting | 77.05 | | |
| Water supply | 174.00 | | |
| All other expenses | 359.39 | | |
| Total | \$8,985.59 | | \$8,985.59 |
| Total, Recreation | | | \$78,984.25 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|---|--------------|-------------|--------------|
| UNCLASSIFIED. | | | |
| Committee on Claims. | | | |
| Awards for personal injuries | \$271.25 | | |
| Physical examination expenses ... | 15.00 | | |
| Total | \$286.25 | | \$286.25 |
| Court Judgments. | | | |
| Land damages, highways | | \$8,595.50 | |
| Personal injuries, highways | \$200.00 | | |
| Tax abated by County Commissioners | 401.77 | | |
| Total | \$601.77 | \$8,595.50 | \$9,197.27 |
| Memorial Day. | | | |
| Advertising and printing | \$81.22 | | |
| Carriage and horse hire | 252.00 | | |
| Flags and flowers | 873.95 | | |
| Grave markers | 56.90 | | |
| Music | 645.00 | | |
| All other expenses | 90.44 | | |
| Total | \$1,999.51 | | \$1,999.51 |
| Total, Unclassified | | | \$11,483.03 |
| PUBLIC SERVICE ENTERPRISES. | | | |
| New Bedford Water Works. | | | |
| Salaries, superintendent and office | \$44,123.43 | | |
| Other salaries and wages | 143,963.38 | \$9,627.34 | |
| Office and traveling expenses | 9,479.03 | | |
| Maintenance and extension charges | 32,533.16 | 85,893.69 | |
| Payments on debt account | 124,406.25 | | |
| Rebates | 1,222.68 | | |
| Total | \$355,727.93 | \$95,521.03 | \$451,248.96 |
| New Bedford Water Works. | | | |
| C. 400, Acts of 1924. | | | |
| Land acquired | | \$2,640.00 | |
| Total | | \$2,640.00 | \$2,640.00 |
| Department of Wharves. | | | |
| Salary of wharfinger | \$500.00 | | |
| Repairs | 2,896.84 | | |
| Water supply | 72.52 | | |
| Lighting | 42.63 | | |
| All other charges | 31.70 | | |
| Total | \$3,543.69 | | \$3,543.69 |
| Total, Public Service Enterprises | | | \$457,432.65 |

PAYMENTS

| OBJECTS OF PAYMENTS | Expenses | Outlays | Total |
|---|----------------|----------------|----------------|
| CEMETERIES. | | | |
| Cemetery Board. | | | |
| Pay rolls, superintendent and clerks | \$6,093.68 | | |
| Pay rolls, labor and teaming | 49,478.25 | | |
| Brick, cement, pipe and sand | 950.35 | | |
| Buildings, repairs and supplies | 289.28 | | |
| Fuel | 924.61 | | |
| Ground keeping supplies | 618.41 | | |
| Hardware and tools | 1,495.01 | | |
| Miscellaneous service and supplies | 930.73 | | |
| Motors and maintenance | 1,496.13 | | |
| Office expenses and supplies | 681.06 | | |
| Police service | 1,416.56 | | |
| Telephone service | 224.06 | | |
| Water supply | 112.40 | | |
| Total | \$64,710.53 | | \$64,710.53 |
| Cemeteries, Sale of Lots. | | | |
| Pay rolls, labor and teaming | | \$3,971.51 | |
| Road making supplies | | 6,023.09 | |
| Refunds | \$60.00 | | |
| Total | \$60.00 | \$9,994.60 | \$10,054.60 |
| Cemetery, 6% Income Fund. | | | |
| Charges for perpetual care | \$1,871.11 | | |
| Total | \$1,871.11 | | \$1,871.11 |
| Total, Cemeteries | | | \$76,636.24 |
| OBJECTS OF PAYMENTS | Expenses | Indebtedness | Total |
| INTEREST AND INDEBTEDNESS. | | | |
| Interest. | | | |
| On bonded debt | \$489,735.00 | | |
| On temporary loans | 151,169.38 | | |
| On trust funds | 1,619.10 | | |
| On taxes refunded | 17,067.41 | | |
| Total | \$659,590.89 | | \$659,590.89 |
| Indebtedness. | | | |
| Bonds paid from revenue | \$1,294,000.00 | | |
| Bonds paid from sinking funds | | \$35,000.00 | |
| Notes paid, temporary loan, 1927.. | | 1,500,000.00 | |
| Notes paid temporary loan, 1928.. | | 4,000,000.00 | |
| Warrants of prior year | | 222,499.74 | |
| Total | \$1,294,000.00 | \$5,757,499.74 | \$7,051,499.74 |
| Total, Interest and Indebtedness | | | \$7,711,090.63 |

PAYMENTS

| OBJECTS OF PAYMENTS | Temporary Accounts | Total |
|---|-----------------------|-----------------|
| AGENCY, TRUST AND INVEST- MENT. | | |
| Agency. | | |
| County of Bristol tax | \$264,304.96 | |
| Commonwealth of Massachusetts tax | 262,650.00 | \$526,954.96 |
| Trust and Investment. | | |
| Cash discrepancies | \$547.53 | |
| Cemetery perpetual care deposits | 15,572.71 | |
| Department advances | 4,584.26 | |
| Highway deposits | 15,001.26 | |
| Pay roll tailings | 13.45 | |
| Salary advances | 20,885.81 | |
| Sewer deposits | 16,507.58 | 73,112.60 |
| Total, Agency, Trust and Investment. | | \$600,067.56 |
| REFUNDS. | | |
| Taxes, 1928 | \$1,782.58 | |
| Taxes, 1927 | 289,832.76 | |
| Taxes, prior years | 71,985.55 | |
| Corporation taxes | 1,092.99 | |
| Departments | 77.90 | |
| Interest on taxes | 21.52 | |
| Costs on taxes | 18.25 | |
| Total | \$364,811.55 | \$364,811.55 |
| Total, Refunds | | \$364,811.55 |
| Total Payments | | \$15,355,092.43 |
| Cash at the end of the year | | 1,389,070.35 |
| Total | | \$16,744,162.78 |

SUMMARY

AUDITOR'S REPORT

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| CLASSIFICATION | Revenue for Expenses | Revenue for other Purposes | Expenses | Outlays and Special Charges |
|---------------------------------------|----------------------------|----------------------------------|-----------------------|-----------------------------------|
| Taxes | \$6,384,879.50 | \$70,000.00 | | |
| Licenses and permits | 15,121.75 | | \$278,895.55 | \$2,080.03 |
| Fines and forfeits | 16,571.01 | | 1,189,814.19 | 2,964.33 |
| Grants and gifts | 128,947.55 | | 395,363.15 | 72,620.18 |
| Special assessments | | 48,513.22 | 595,541.86 | 579,164.85 |
| General government | 11,590.78 | | 576,635.77 | |
| Protection of persons and property .. | 2,757.70 | | 123,920.57 | |
| Health and sanitation | 49,451.22 | 205.57 | 1,874,074.05 | 107,548.17 |
| Highways | 18,516.64 | 11,320.77 | | |
| Charities | 48,553.30 | | | |
| Soldiers benefits | 3,973.40 | | | |
| Schools | 46,930.53 | | | |
| Libraries | 1,435.89 | | | |
| Recreation | 5,700.55 | | | |
| Unclassified | | | 81,690.90 | 814.80 |
| Public service enterprises | 367,416.54 | 135.00 | 78,169.45 | 8,595.50 |
| Cemeteries | 43,333.79 | | 2,887.53 | 98,161.03 |
| Interest | 71,213.30 | | 343,013.43 | 9,994.60 |
| Indebtedness | 3,778.00 | | 61,196.87 | |
| Sinking funds | | 7,046,611.07 | 659,590.89 | 5,757,499.74 |
| Agency, trust and investment | | 35,000.00 | | 600,067.56 |
| Refunds | | 584,860.99 | | 364,811.55 |
| Transfers and duplications | | 2,537.31 | | 195,975.88 |
| | | 195,975.88 | | |
| | <u>\$7,220,171.45</u> | <u>\$7,995,159.81</u> | <u>\$7,554,794.21</u> | <u>\$7,800,298.22</u> |
| Revenue for expenses | \$7,220,171.45 | | | \$7,554,794.21 |
| Revenue for other purposes | 7,995,159.81 | | | 7,800,298.22 |
| Total revenue | <u>\$15,215,331.26</u> | | | <u>\$15,355,092.43</u> |
| Cash at the beginning of the year ... | 1,528,831.52 | | | 1,389,070.35 |
| | <u>\$16,744,162.78</u> | | | <u>\$16,744,162.78</u> |

STATEMENT OF TEMPORARY REVENUE
LOANS OUTSTANDING.

| Notes in Anticipation of Revenue | Date of Issue | Date Due | Discount Rate |
|--|---------------------------|----------------|------------------|
| \$500,000.00 | July 3, 1928 | Feb. 2, 1929 | .0475 |
| 500,000.00 | Aug. 7, 1928 | Mar. 7, 1929 | .0482 |
| 500,000.00 | Sept. 11, 1928 | Mar. 6, 1929 | .0499 |
| 500,000.00 | Oct. 23, 1928 | April 10, 1929 | .0494* |
| 250,000.00 | Nov. 13, 1928 | May 10, 1929 | .0448 |
| \$2,250,000.00 | | | |
| | * Plus premium of \$17.00 | | |

STATEMENT OF THE BONDED DEBT AND SINKING FUNDS OF THE CITY OF NEW BEDFORD,
NOVEMBER 30, 1928.

| | | Date | *Interest Rate | When Due | Amount Outstanding |
|--|--------------|---------------|-----------------|---------------------|--------------------|
| Further Water Supply | | June 1, 1900 | 3% | June 1, 1930 (S.F.) | \$48,000.00 |
| Duplicate Water Supply Main | | June 1, 1910 | 4 | June 1, (W.R.) (5) | 60,000.00 |
| " " " " " " " " | | Sept. 1, 1910 | 4 | Sept. 1, (W.R.) (3) | 36,000.00 |
| Water Works, C. 65, 1911..... | | May 1, 1911 | 4 | May 1, (W.R.) (5) | 65,000.00 |
| " " " " " " " " | | May 1, 1912 | 4 | May 1, (W.R.) (5) | 65,000.00 |
| " " " " " " " " | | May 1, 1921 | 5% ¹ | May 1, (W.R.) (17) | 221,000.00 |
| " " " " " " " " | | May 1, 1921 | 5% ¹ | May 1, 1942 (16) | 160,000.00 |
| " " " " " " " " | | Nov. 1, 1921 | 5% ¹ | Nov. 1, (W.R.) (7) | 91,000.00 |
| " " " " " " " " | | Nov. 1, 1921 | 4% ¹ | Nov. 1, 1942 (6A) | 60,000.00 |
| " " " " " " " " | | Apr. 1, 1923 | 4 | Apr. 1, (W.R.) (7) | 105,000.00 |
| " " " " " " " " | | Mar. 1, 1924 | 4% ¹ | Mar. 1, 1944 (6A) | 60,000.00 |
| " " " " " " " " | | Nov. 1, 1926 | 4 | Nov. 1, (W.R.) (5) | 130,000.00 |
| " " " " " " " " | | Feb. 1, 1927 | 4 | Feb. 1, (W.R.) (2) | 58,000.00 |
| Highway Improvements | | Mar. 1, 1884 | 6 | Oct. 1, 1894 | 1,000.00 |
| Highways, Permanent Improvement, Loan No. 2, 1918..... | No. 2, 1918. | Apr. 1, 1918 | 5 | Apr. 1, 1928 | 2,000.00 |
| " " " " " " " " | " " " " | Feb. 1, 1919 | 4% ¹ | Feb. 1, | (20) 20,000.00 |
| " " " " " " " " | " " " " | Apr. 1, 1919 | 4% ¹ | Apr. 1, | (10) 10,000.00 |
| " " " " " " " " | " " " " | Apr. 1, 1919 | 4% ¹ | Apr. 1, | (5) 5,000.00 |
| " " " " " " " " | " " " " | June 1, 1919 | 4% ¹ | June 1, | (8) 8,000.00 |
| " " " " " " " " | " " " " | May 1, 1920 | 5% ¹ | May 1, | (4) 8,000.00 |
| " " " " " " " " | " " " " | May 1, 1920 | 5% ¹ | May 1, | (30) 60,000.00 |
| " " " " " " " " | " " " " | Apr. 1, 1920 | 5% ¹ | Apr. 1, | (13) 25,000.00 |
| " " " " " " " " | " " " " | Aug. 1, 1920 | 5% ¹ | Aug. 1, | (10) 20,000.00 |
| " " " " " " " " | " " " " | Oct. 1, 1920 | 5 | Oct. 1, | (2) 4,000.00 |
| " " " " " " " " | " " " " | Jan. 1, 1921 | 5 | Jan. 1, | (2) 6,000.00 |
| " " " " " " " " | " " " " | Jan. 1, 1921 | 5% ¹ | Jan. 1, | (10) 30,000.00 |
| " " " " " " " " | " " " " | Feb. 1, 1921 | 5% ¹ | Feb. 1, | (40) 120,000.00 |
| " " " " " " " " | " " " " | May 1, 1921 | 5% ¹ | May 1, | (12) 35,000.00 |
| " " " " " " " " | " " " " | May 1, 1921 | 5% ¹ | May 1, | (5) 15,000.00 |
| " " " " " " " " | " " " " | Aug. 1, 1921 | 5 | Aug. 1, | (5) 15,000.00 |
| " " " " " " " " | " " " " | Nov. 1, 1921 | 4% ¹ | Nov. 1, | (2) 6,000.00 |
| " " " " " " " " | " " " " | Nov. 1, 1921 | 4% ¹ | Nov. 1, | (2) 9,000.00 |
| " " " " " " " " | " " " " | Nov. 1, 1921 | 4% ¹ | Nov. 1, | (3) 6,000.00 |
| " " " " " " " " | " " " " | July 1, 1922 | 4% ¹ | July 1, | (50) 200,000.00 |
| " " " " " " " " | " " " " | July 1, 1922 | 4% ¹ | July 1, | (10) 40,000.00 |
| " " " " " " " " | " " " " | July 1, 1922 | 4% ¹ | July 1, | (10) 40,000.00 |
| " " " " " " " " | " " " " | Nov. 1, 1922 | 4% ¹ | Nov. 1, | (4) 16,000.00 |
| " " " " " " " " | " " " " | Nov. 1, 1922 | 4% ¹ | Nov. 1, | (2) 8,000.00 |
| " " " " " " " " | " " " " | Apr. 1, 1923 | 4% ¹ | Apr. 1, | (50) 250,000.00 |
| " " " " " " " " | " " " " | July 1, 1923 | 4% ¹ | July 1, | (10) 50,000.00 |
| " " " " " " " " | " " " " | Mar. 1, 1924 | 4% ¹ | Mar. 1, | (20) 120,000.00 |
| " " " " " " " " | " " " " | Mar. 1, 1924 | 4% ¹ | Mar. 1, | (40) 240,000.00 |
| " " " " " " " " | " " " " | Mar. 1, 1925 | 4 | Mar. 1, | (25) 175,000.00 |
| " " " " " " " " | " " " " | Mar. 1, 1925 | 4 | Mar. 1, | (25) 175,000.00 |
| " " " " " " " " | " " " " | Oct. 1, 1925 | 4% ¹ | Oct. 1, | (10) 70,000.00 |
| " " " " " " " " | " " " " | Apr. 1, 1926 | 4 | Apr. 1, | (20) 160,000.00 |
| " " " " " " " " | " " " " | Apr. 1, 1926 | 4 | Apr. 1, | (35) 280,000.00 |
| " " " " " " " " | " " " " | May 1, 1927 | 3% ¹ | May 1, | (40) 360,000.00 |
| " " " " " " " " | " " " " | May 1, 1928 | 3% ¹ | May 1, | (40) 400,000.00 |
| Highways, Macadam, No. 1, 1924..... | No. 1, 1924. | Mar. 1, 1924 | 4% ¹ | Mar. 1, | (20) 20,000.00 |
| " " " " " " " " | " " " " | Nov. 1, 1924 | 4 | Nov. 1, | (8) 8,000.00 |
| " " " " " " " " | " " " " | Mar. 1, 1925 | 4 | Mar. 1, | (60) 120,000.00 |
| " " " " " " " " | " " " " | Apr. 1, 1926 | 4 | Apr. 1, | (60 |

[illegible]

BALANCE SHEET OF THE CITY OF NEW BEDFORD
NOVEMBER 30, 1928

ASSETS

| | |
|---|-----------------|
| Cash in treasury | \$1,389,070.35 |
| Taxes receivable | 1,377,183.21 |
| Accounts receivable | 329,860.11 |
| Due for advances | 252.61 |
| | <hr/> |
| Current assets | \$3,096,366.28 |
| Trust funds, cash and investments | 911,221.37 |
| Sinking funds, cash and investments | 774,420.76 |
| City property as scheduled | 34,843,734.07 |
| | <hr/> |
| Total assets | \$39,625,742.48 |

LIABILITIES

| | |
|--|-----------------|
| Notes payable, temporary loans | \$2,250,000.00 |
| Warrants payable | 246,611.07 |
| Overlay account, tax reserve | 5,910.47 |
| Balances, deposit accounts | 6,346.05 |
| Balances, trust fund income accounts | 3,002.84 |
| Improvement accounts, balances | 216,054.54 |
| Due cemetery perpetual care funds | 26,734.93 |
| | <hr/> |
| Current liabilities | \$2,754,659.90 |
| Library and school trust funds | 430,825.48 |
| Cemetery perpetual care funds | 412,744.76 |
| Soldiers and sailors memorial fund | 71,651.13 |
| Bonds outstanding | 12,225,000.00 |
| | <hr/> |
| Total liabilities | 15,894,881.27 |
| Balance | 23,730,861.21 |
| | <hr/> |
| | \$39,625,742.48 |

City of New Bedford,

March 1, 1929.

To the City Council Committee on Finance:

Gentlemen:—The sub-committee on the valuation of City Property reports herewith a list of City Property and its value. The valuation of real estate has been secured from the Board of Assessors, and the valuation of other property has been secured from the officers in charge of the several departments. The entire valuation is believed by your sub-committee to be a fair valuation of the city property.

OSCAR D. KELLEHER,
JOHN L. ALMOND,
LEO E. J. CARNEY.

LSD.

Committee.

AUDITOR'S REPORT

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SCHEDULE AND VALUATION OF CITY PROPERTY JANUARY 1, 1929.

| | | |
|--|------------|--------------|
| BOARD OF APPEALS: | | |
| Office fixtures | \$107.00 | \$107.00 |
| BOARD OF ASSESSORS: | | |
| Office fixtures, furniture and furnishings | \$8,820.00 | \$8,820.00 |
| BOARD OF HEALTH: | | |
| Furniture and equipment in office and bacteriological laboratory | 9,000.00 | |
| Disinfecting apparatus | 75.00 | |
| Dental Clinics | 7,000.00 | |
| Board of Health Clinic | 3,000.00 | |
| Well Baby Clinics | 400.00 | |
| Furniture, bedding, etc. small pox hospital | 400.00 | |
| Ambulance at small pox hospital | 200.00 | |
| Partial equipment of Isolation Hospital | 3,000.00 | |
| Buildings used as small pox hospitals | 1,400.00 | |
| Isolation Hospital Buildings | 59,850.00 | |
| Land at Isolation Hospital | 88,300.00 | |
| Land at small pox hospital | 53,900.00 | |
| Clark's Point burial ground | 800.00 | |
| Hospital emergency equipment (Municipal Bldg.) | 75.00 | |
| 3 Ford Sedans at \$100 each | 300.00 | |
| 1 Ford Sedan (new) | 700.00 | |
| 1 Chevrolet Coach | 150.00 | |
| 1 Nash Sedan | 500.00 | |
| 1 Studebaker Sedan | 500.00 | |
| Garbage Plant, Land, Bldgs. and Machinery | 110,000.00 | |
| | | \$339,550.00 |
| BOARD OF PUBLIC WELFARE: | | |
| City Infirmary—Land | 266,250.00 | |
| City Infirmary—Buildings | 66,675.00 | |
| Furniture, furnishings, live stock and equipment | 27,938.20 | |
| Office furniture, supplies, etc. | 6,200.00 | |
| | | \$367,063.20 |
| CEMETERY BOARD: | | |
| Oak Grove Cemetery | 78,975.00 | |
| Old Burying Ground, Second St. | 10,325.00 | |
| Pine Grove Cemetery | 108,850.00 | |
| Rural Cemetery | 299,100.00 | |
| Tools, machinery, wagons and equipment | 2,975.00 | |
| Office fixtures, furniture, etc. | 9,400.00 | |
| | | \$509,625.00 |
| CITY AUDITOR: | | |
| Office fixtures, furniture, etc. | 2,450.00 | \$2,450.00 |
| CITY CLERK: | | |
| Office fixtures, furniture, etc. | 9,000.00 | \$9,000.00 |

AUDITOR'S REPORT

CITY MESSENGER:

| | | |
|--------------------------------------|--------|----------|
| Miscellaneous supplies on hand | 950.00 | \$950.00 |
|--------------------------------------|--------|----------|

CITY ENGINEER:

| | | |
|--|-----------|-------------|
| Office fixtures, furniture, etc. | 17,248.70 | |
| 3 Ford Sedans 1 @ \$707.75, 1 @ \$745.00 | | |
| 1 @ \$644.00 | 2,096.75 | |
| 1 Ford Touring car | 512.00 | |
| 1 Studebaker Touring car | 1,475.00 | |
| 1 Chevrolet coach | 700.00 | |
| | <hr/> | \$22,032.45 |

CITY SOLICITOR:

| | | |
|---------------------------------------|----------|------------|
| Office fixtures, furniture, etc. | 1,855.00 | |
| Law Library | 2,200.00 | |
| | <hr/> | \$4,055.00 |

CITY TREASURER:

| | | |
|---------------------------------------|----------|------------|
| Office fixtures, furniture, etc. | 5,485.50 | \$5,485.50 |
|---------------------------------------|----------|------------|

CLERK OF COMMITTEES:

| | | |
|---------------------------------------|------------|------------|
| Office fixtures, furniture, etc. | \$2,000.00 | \$2,000.00 |
|---------------------------------------|------------|------------|

ELECTIONS:

| | | |
|---------------------------------------|----------|------------|
| Ballot boxes and voting paraphernalia | 7,500.00 | \$7,500.00 |
|---------------------------------------|----------|------------|

FIRE DEPARTMENT:

| | |
|-----------------------------------|------------|
| No. 1 Engine House and lot | 41,300.00 |
| No. 2 Engine House and lot | 152,500.00 |
| No. 3 Engine House and lot | 34,375.00 |
| No. 4 Engine House and lot | 22,700.00 |
| No. 5 Engine House and lot | 46,800.00 |
| No. 6 Engine House and lot | 18,175.00 |
| No. 7 Engine House and lot | 24,750.00 |
| No. 8 Engine House and lot | 46,225.00 |
| No. 9 Engine House and lot | 3,525.00 |
| No. 10 Engine House and lot | 30,125.00 |
| No. 11 Engine House and lot | 34,800.00 |

\$455,275.00

| | |
|---|------------|
| Steam Fire Engine No. 1 | 500.00 |
| Steam Fire Engine No. 4 | 500.00 |
| Steam Fire Engine No. 7 | 500.00 |
| 7 Ahrens-Fox Engines | 75,000.00 |
| 1 Webb Engine | 1,000.00 |
| 1 White Engine | 6,000.00 |
| 3 Locomobiles (Chemicals) | 15,000.00 |
| 1 Foamite Chemical | 5,000.00 |
| 1 White Hose Wagon | 5,000.00 |
| 1 Studebaker Truck | 100.00 |
| 4 Moon Runabouts | 1,600.00 |
| 1 Dodge Truck | 600.00 |
| 1 Winton Touring Car | 1,000.00 |
| 1 White Truck | 2,000.00 |
| 1 Buick Coupe | 1,200.00 |
| 1 City Service Truck | 10,000.00 |
| 4 Electric Aerial Trucks | 40,000.00 |
| Fire Alarm Telegraph and Equipment | 115,000.00 |
| Hose and connections | 20,650.00 |
| Sundries and furnishings as per inventories | 10,000.00 |

\$765,925.00

AUDITOR'S REPORT

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FREE PUBLIC LIBRARY:

| | | |
|----------------------------|------------|---------------------|
| Land and Buildings | 631,100.00 | |
| Books, pictures, etc. | 150,000.00 | |
| | | <u>\$781,100.00</u> |

INSPECTOR OF WIRES:

| | | |
|---------------------------------------|-----------|--------------------|
| Office fixtures, furniture, etc. | 1,972.00 | |
| 4 Ford Coupes 1 @ \$50., 2 @ \$150, | | |
| 1 @ \$600. | 950.00 | |
| 1 Nash Sedan | 500.00 | |
| Police Signal System | 30,000.00 | |
| Cable, wire and material | 4,250.00 | |
| 1 Ford Runabout | 300.00 | |
| Land and Building No. 40 So. Second | | |
| Street | 9,400.00 | |
| | | <u>\$47,372.00</u> |

INTERCEPTING SEWER:

| | | |
|---|--------------|-----------------------|
| Belleville Ave. Station, land, bldg. and | | |
| equipment. | 41,233.43 | |
| Cove Rd. Station, land, bldg. and | | |
| equipment | 32,721.86 | |
| Howland St. Station, bldg. and | | |
| equipment | 14,086.74 | |
| Screening Station, land, bldg. and | | |
| equipment (Rodney Fr. Blvd. West) | 128,325.36 | |
| Howard Ave. Station, bldg. and equip- | | |
| ment | 52,264.88 | |
| Sewer System | 1,090,799.97 | |
| Wharf | 7,655.37 | |
| Sewer Cleaning Outfit | 2,344.03 | |
| 1 Reo truck \$1,500., 1 Ford truck \$603. | 2,103.00 | |
| | | <u>\$1,371,534.64</u> |

LABOR SERVICE REGISTRAR:

| | | |
|-------------------------------------|--------|----------|
| Office fixtures and furniture | 150.00 | \$150.00 |
|-------------------------------------|--------|----------|

LICENSING BOARD:

| | | |
|---------------------------------------|------------|------------|
| Office fixtures, furniture, etc. | \$1,896.40 | \$1,896.40 |
|---------------------------------------|------------|------------|

MAYOR'S OFFICE:

| | | |
|---------------------------------------|------------|------------|
| Office fixtures, furniture, etc. | \$6,000.00 | \$6,000.00 |
|---------------------------------------|------------|------------|

NEW BEDFORD VOCATIONAL SCHOOL:

| | | |
|--|-------------|---------------------|
| Fixtures, machinery, shop material, etc. | \$53,412.41 | |
| Land and Bldgs. at Hillman Street .. | 88,875.00 | |
| | | <u>\$142,287.41</u> |

NEW BEDFORD WATER WORKS:

| | |
|--|--------------|
| Acushnet Supply | \$400,000.00 |
| Quittacas Supply | 1,730,000.00 |
| Pocksha Supply | 180,000.00 |
| Distribution and other items | 3,600,000.00 |
| 1 Low gear | 150.00 |
| 1 Platform gear | 150.00 |
| 1 White truck | 3,500.00 |
| 2 White trucks, 1 @ \$380., 1 @ \$320. | 700.00 |
| 1 Peerless truck | 200.00 |
| 1 Atkinson Special truck | 500.00 |
| 1 Franklin touring car | 150.00 |

AUDITOR'S REPORT

| | |
|---|----------------------|
| 1 Franklin touring car | 150.00 |
| 1 Franklin sedan | 700.00 |
| Bucyrus steam shovel | 5,000.00 |
| Bucyrus Caterpillar derrick | 5,500.00 |
| 1 Mack truck | 550.00 |
| 1 Clamshell bucket | 500.00 |
| $\frac{5}{8}$ yd. dipper | 500.00 |
| 1 Dodge $\frac{3}{4}$ ton truck | 50.00 |
| 1 Ford $\frac{1}{2}$ ton truck | 200.00 |
| 1 Chevrolet roadster | 500.00 |
| 1 Federal truck | 220.00 |
| 1 Air Compressor on Ford Chassis .. | 500.00 |
| 2 Studebaker coaches 1 @ \$110.00, | |
| 1 @ \$750.00 | 860.00 |
| 3 Horses | 300.00 |
| 1 Reo truck | 500.00 |
| 1 Dodge sedan | 300.00 |
| 1 Sprayer | 1,000.00 |
| 1 Gasoline locomotive, | 5,000.00 |
| 1 Wilford clamshell shovel | 4,000.00 |
| 1 Fordson tractor | 2,400.00 |
| Pipe, Castings, Hydrants, Water Gates, | |
| Tools, etc. | 137,085.34 |
| Office fixtures, furniture, plans, etc... | 24,028.00 |
| | <hr/> \$6,105,193.34 |

PARK COMMISSION:

| | |
|---------------------------------------|----------------------|
| Bridge Park | \$27,975.00 |
| Buttonwood Park | 272,950.00 |
| Brooklawn Park | 503,250.00 |
| Common | 96,950.00 |
| Hathaway Playground | 19,275.00 |
| Grove Park | 40,950.00 |
| Hazelwood Park | 174,250.00 |
| Ashley Park | 39,525.00 |
| Triangle Park | 1,400.00 |
| Logan Street Playground | 8,675.00 |
| John Polocz land | 350.00 |
| Marine Park | 105,900.00 |
| Office furniture, fixtures, etc. | 1,000.00 |
| 1 Studebaker sedan | 500.00 |
| 2 Ford tractors @ \$100. each | 200.00 |
| Animals | 2,000.00 |
| Tools and working implements | 7,000.00 |
| Athletic apparatus | 5,000.00 |
| Shore land | 6,875.00 |
| Battery D square | 1,425.00 |
| Land—Pleasant, Grinnell and County | |
| Streets | 5,275.00 |
| Land—North and Hillman Streets .. | 6,075.00 |
| Brooklawn Park buildings | 11,650.00 |
| Victory Park grandstand | 33,400.00 |
| Buttonwood Park buildings | 25,525.00 |
| Thomas B. Tripp playground | 1,625.00 |
| Hazelwood Park buildings | 25,450.00 |
| | <hr/> \$1,424,450.00 |

AUDITOR'S REPORT

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POLICE DEPARTMENT:

| | | |
|--|-------------|--------------|
| Police Station, Blackmer Street | \$18,800.00 | |
| Central Police Station and Garage .. | 281,275.00 | |
| Police Station, Kempton and Cedar Streets | 29,450.00 | |
| Police Station, Ashley Blvd. and Weld Street | 19,375.00 | |
| 1 Studebaker ambulance | 3,000.00 | |
| 1 White ambulance | 400.00 | |
| 1 Cadillac patrol | 200.00 | |
| 1 Paige touring car | 800.00 | |
| 1 Hupmobile touring car | 50.00 | |
| 1 Marmon sedan | 2,500.00 | |
| 1 Nash sedan | 750.00 | |
| 1 Ford truck | 275.00 | |
| 1 Indian motorcycle No. 1 | 300.00 | |
| 1 Indian motorcycle No. 2 | 300.00 | |
| 1 Indian motorcycle No. 3 | 300.00 | |
| 1 Indian motorcycle No. 4 | 150.00 | |
| 1 Indian motorcycle No. 5 | 300.00 | |
| 1 Harley-Davidson motorcycle No. 6 | 290.00 | |
| 1 Indian motorcycle No. 7 | 100.00 | |
| 3 sidecars and equipment | 350.00 | |
| 36 Silent policemen | 100.00 | |
| 255 Revolvers | 3,500.00 | |
| 10 Riot guns | 250.00 | |
| Gasoline pump and tank | 100.00 | |
| Badges | 500.00 | |
| Typewriters | 500.00 | |
| Metal furniture | 6,865.00 | |
| Identification room equipment | 550.00 | |
| Miscellaneous equipment and supplies | 3,475.00 | |
| | | \$374,815.00 |

PUBLIC BATHS:

| | | |
|-------------------------------|-------------|-------------|
| Buildings and land | \$66,225.00 | |
| Miscellaneous equipment | 2,000.00 | |
| | | \$68,225.00 |

PUBLIC BUILDINGS, LAND AND OTHER PROPERTY:

| | | |
|--|-------------|--|
| Land, Phillips Road, Stevens and Cawley Sts. | \$11,525.00 | |
| Building n. s. Willis St., west of Purchase St. | 3,825.00 | |
| Wardroom, 610 Purchase St. | 3,100.00 | |
| Land, west side of Liberty St. | 25.00 | |
| Veteran Firemen's Bldg., High and Foster Sts. | 6,225.00 | |
| Land, Mechanics, Elm, Sixth and Pleasant Sts. | 209,350.00 | |
| Municipal Building, William and Pleasant Sts. | 733,750.00 | |
| Land, Lambert, Edgewood, Sunderland Sts. | 25.00 | |
| Land, n. s. Tarkiln Hill Road, cor. Agawam St. | 2,625.00 | |
| Rifle Range, Dartmouth | 16,869.17 | |
| Land, north of High Hill Road | 25.00 | |

AUDITOR'S REPORT

| | | |
|--|-----------|----------------------|
| Furnishings, Council Chambers and Hearing Hall | 4,812.00 | |
| Land, n. s. Truro St. near River Road | 225.00 | |
| Land, n. s. Carlisle Street | 250.00 | |
| Land w. s. Acushnet Ave. corner of Ohio St. | 75.00 | |
| North Sanitary Station, Sawyer Street | 20,725.00 | |
| South Branch Library and Sanitary Station, corner Cove and Stapleton Streets | 52,675.00 | |
| Land, s. e. corner River Road and Truro St. | 475.00 | |
| | | <hr/> \$1,066,581.17 |

REGISTRARS OF VOTERS:

| | | |
|---------------------------------------|------------|------------|
| Office fixtures, furniture, etc. | \$3,000.00 | \$3,000.00 |
|---------------------------------------|------------|------------|

SCHOOL DEPARTMENT:

| | | |
|--|--------------|--|
| William H. Taylor, Brock Ave. | \$131,125.00 | |
| G. H. Dunbar, Dartmouth and Dunbar Sts. | 67,750.00 | |
| John B. DeValles, Katherine St. | 243,550.00 | |
| R. C. Ingraham, Blackmer and Second Sts. | 122,000.00 | |
| I. W. Benjamin, Division St. | 47,575.00 | |
| J. B. Congdon, Thompson and Hemlock Sts. | 145,925.00 | |
| Thomas Donaghy, Acushnet Ave. and South St. | 111,075.00 | |
| Thompson Street School | 63,425.00 | |
| Dartmouth Street School | 24,125.00 | |
| Acushnet Ave. School | 69,600.00 | |
| B. B. Winslow, Allen St. | 220,075.00 | |
| A. F. Wood, Pleasant and Russell Sts. | 49,625.00 | |
| T. A. Greene, Purchase and Madison Sts. | 86,125.00 | |
| Harrington school, Court and Liberty Sts. | 82,900.00 | |
| S. A. Howland, Kempton and Pleasant Sts. | 109,000.00 | |
| Middle Street School land | 11,800.00 | |
| High School, Court and County Sts. | 866,350.00 | |
| School Committee Rooms, William Street | 12,875.00 | |
| T. R. Rodman, Rockdale Ave. and Summit St. | 114,000.00 | |
| Cedar Street School | 10,825.00 | |
| M. B. White, Maxfield and Pleasant Streets | 34,400.00 | |
| Clarence A. Cook, Summer and Mill Sts. | 561,675.00 | |
| H. A. Kempton, Shawmut Ave. | 86,050.00 | |
| Parker Street School | 118,800.00 | |
| Merrimac Street School | 22,600.00 | |
| Clark Street School | 62,125.00 | |
| J. H. Clifford, Ashley Blvd. and Coggeshall St. | 112,750.00 | |
| Cedar Grove St. School | 50,175.00 | |

AUDITOR'S REPORT

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|--|----------------|
| H. M. Knowlton, County and Cog- | |
| geshall Sts. | 144,275.00 |
| Phillips Avenue School | 62,375.00 |
| S. D. Ottiwell, Belleville Ave. and | |
| Hathaway St. | 232,200.00 |
| John Hannigan School, Emery St. ... | 302,625.00 |
| Abraham Lincoln, Ashley Blvd. and | |
| Glennon St. | 198,500.00 |
| Rockdale School, Hathaway Road | 1,600.00 |
| Plainville Road School | 2,375.00 |
| J. Swift, Lunds Corner | 113,650.00 |
| Acushnet Ave., north of Lunds Corner | 2,000.00 |
| Mt. Pleasant School | 687,550.00 |
| Charles S. Ashley School, Ashley Blvd. | 688,100.00 |
| Normandin Junior High School, | |
| Tarkiln Hill Rd. | 563,150.00 |
| Roosevelt Junior High School, | |
| Frederick St. | 553,175.00 |
| Portable Buildings | 68,947.00 |
| Continuation Schools | 19,000.00 |
| Furniture and Furnishings | 552,045.19 |
| | <hr/> |
| | \$7,829,867.19 |

SEALER OF WEIGHTS AND MEASURES:

| | |
|---|------------|
| State Standards | \$810.00 |
| Office furniture | 283.50 |
| Working equipment | 972.00 |
| Sealing equipment | 90.00 |
| 1 Ford $\frac{1}{2}$ ton truck | 50.00 |
| 1 Ford Coupe | 50.00 |
| 1 $\frac{3}{4}$ ton Chevrolet truck | 650.00 |
| | <hr/> |
| | \$2,905.50 |

STREET DEPARTMENT:

| | |
|--|-------------|
| City yard lot and buildings | \$64,550.00 |
| Land and buildings at old city yard .. | 33,200.00 |
| 1 Lincoln Sedan | 700.00 |
| 1 Lincoln Sedan | 2,700.00 |
| 1 Jordan Victoria | 600.00 |
| 1 Buick Touring | 450.00 |
| 1 Dodge Coupe | 175.00 |
| 2 Chrysler Coupes @ \$450. each | 900.00 |
| 4 Ford Coupes @ \$225. each | 900.00 |
| 2 Ford Coupes @ \$175. | 350.00 |
| 1 Ford Roadster | 175.00 |
| 2 G. M. C. Trucks \$3,000. each | 6,000.00 |
| 1 Federal Truck | 450.00 |
| 1 White Truck | 800.00 |
| 3 Ford Trucks, 1 @ \$200., 2 @ \$225. .. | 650.00 |
| 1 Springfield Truck | 250.00 |
| 1 Cleveland Tractor with back filler .. | 970.00 |
| 1 Elgin Sweeper | 400.00 |
| 1 Elgin Sweeper | 6,000.00 |
| 1 Austin Sweeper | 5,850.00 |
| 1 Barber Green Loader | 3,200.00 |
| 1 Barber Green Loader | 4,500.00 |
| 1 Haiss Loader | 4,500.00 |
| 1 Conant Loader | 500.00 |
| 1 Netco C. B. Cleaner | 2,250.00 |

AUDITOR'S REPORT

| | | |
|--|----------------|----------------|
| 2 Ingersoll Rand Air Compressors @ \$1,200. | 2,400.00 | |
| Road Machinery and Rolling Stock .. | 20,186.83 | |
| 7 Road Rollers and equipment | 16,675.71 | |
| General Tools, Supplies and Materials | 24,352.60 | |
| Garage equipment, material and supplies | 9,868.56 | |
| Sewer pipe, segment blocks etc. | 3,576.80 | |
| Office furniture, equipment and sup- plies | 5,886.81 | |
| Blacksmith shop equipment and material | 1,838.19 | |
| Machine shop equipment and material | 2,031.69 | |
| Paint shop equipment and material .. | 322.79 | |
| Carpenter shop equipment and material | 2,426.02 | |
| Bridges equipment and material | 1,589.44 | |
| Material: crushed stone, gravel, sand, screenings, curbing, flagging and paving blocks | 10,587.12 | |
| | | \$242,762.56 |
| FORESTRY DEPARTMENT: | | |
| Rolling stock | 1,315.00 | |
| Equipment, material and supplies | 1,594.35 | |
| 1 Ford Sedan | 600.00 | |
| | | \$3,509.35 |
| SUPERINTENDENT OF BUILDINGS: | | |
| 1 Studebaker roadster | \$100.00 | |
| 1 Ford coupe | 400.00 | |
| 1 Ford coupe | 250.00 | |
| 1 Ford coupe | 50.00 | |
| Office fixtures, furniture, plans, etc. | 5,946.88 | |
| | | \$6,746.88 |
| WHARVES: | | |
| Land, foot of Howland Street | \$12,050.00 | |
| Land, foot of Centre Street | 850.00 | |
| Rotch wharf, Pier No. 3 | 53,925.00 | |
| Land and Building, Front and Union Sts. | 22,475.00 | |
| | | \$89,300.00 |
| BRIDGES: | \$700,000.00 | \$700,000.00 |
| STREETS AND HIGHWAYS: | \$7,449,636.14 | \$7,449,636.14 |
| SEWERS: | \$5,044,888.34 | \$5,044,888.34 |
| MUNICIPAL HOSPITAL SITE: | \$36,950.00 | \$36,950.00 |

RECAPITULATION

| | |
|---|--------------|
| Board of Appeals | \$107.00 |
| Board of Assessors | 8,820.00 |
| Board of Health | 339,550.00 |
| Board of Public Welfare | 367,063.20 |
| Cemetery Board | 509,625.00 |
| City Auditor | 2,450.00 |
| City Clerk | 9,000.00 |
| City Messenger | 950.00 |
| City Engineer | 22,032.45 |
| City Solicitor | 4,055.00 |
| City Treasurer | 5,485.50 |
| Clerk of Committees | 2,000.00 |
| Elections | 7,500.00 |
| Fire Department | 765,925.00 |
| Free Public Library | 781,100.00 |
| Inspector of Wires | 47,372.00 |
| Intercepting Sewer | 1,371,534.64 |
| Labor Service Registrar | 150.00 |
| Licensing Board | 1,896.40 |
| Mayor's Office | 6,000.00 |
| New Bedford Vocational School | 142,287.41 |
| New Bedford Water Works | 6,105,193.34 |
| Park Commission | 1,424,450.00 |
| Police Department | 374,815.00 |
| Public Baths | 68,225.00 |
| Public Buildings, Land and Other Property | 1,066,581.17 |
| Registrars of Voters | 3,000.00 |
| School Department | 7,829,867.19 |
| Sealer of Weights and Measures | 2,905.50 |
| Street Department | 242,762.56 |
| Forestry Department | 3,509.35 |
| Superintendent of Buildings | 6,746.88 |
| Wharves | 89,300.00 |
| Bridges | 700,000.00 |
| Streets and Highways | 7,449,636.14 |
| Sewers | 5,044,888.34 |
| Municipal Hospital Site | 36,950.00 |
| <hr/> | |
| \$34,843,734.07 | |

AUDITOR'S REPORT

CERTIFICATES.

I certify that I have examined the deposits and securities representing the investments of the sinking funds of the City of New Bedford and the several school and library funds in the custody of the commissioners, trustees and treasurer, and find that the same agreed with the reports for the financial year 1928, rendered by said commissioners, trustees and treasurer to the City Council.

CHARLES J. MCGURK,

City Auditor.

We certify that we have examined the foregoing report and statements of the City Auditor and believe the same to be correct.

JOHN A. STITT,
JOHN L. ALMOND.

Sub-committee of the joint standing committee on finance, appointed to examine the books and accounts of the City Treasurer and City Auditor.

The foregoing report and statements of the City Auditor are approved.

JOHN A. STITT,
ROBERT UPTON,
JOSEPH C. DESMOND,
FRANK W. MAHON,
WALTER J. LANGFIELD,

Committee on Audit.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

March 28, 1929.

Received, ordered printed in the city documents, and
sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,

March 28, 1929.

Concurred.

RUTH G. HILTON,
Clerk.

ANNUAL REPORT
OF THE
CITY CLERK
OF THE
CITY OF NEW BEDFORD
MASSACHUSETTS
For the Year 1928



THE A. E. COFFIN PRESS—PRINTERS
NEW BEDFORD, MASS.
1929.

Annual Report of City Clerk

For the Year 1928

City of New Bedford, Mass.,

City Clerk's Office,

April 22, 1929.

To the City Council

Gentlemen:

The year 1928 shows again a decrease in births, marriages and deaths recorded in the records of the city clerk, together with a slight decrease in the total receipts of the office. The cost of maintaining the office was reduced over \$2,000 from the 1927 expense.

The total receipts in 1927 were \$27,175.42; in 1928 the amount received was \$25,280.51. The decrease is in all branches of the office business,—licenses, fees, dog licenses and sporting licenses and the general business of the office reflect general depression due to the textile strike.

The number of marriages recorded was 203 less than in 1927; there were 45 fewer births recorded; and the number of deaths on the city clerk's records for 1928 is 62 less than 1927.

The following table gives the figures for the last nine years:—

| | Births | Marriages | Deaths |
|------|--------|-----------|--------|
| 1920 | 3673 | 1752 | 1974 |
| 1921 | 2876 | 1378 | 1650 |
| 1922 | 3547 | 1343 | 1797 |
| 1923 | 3484 | 1416 | 1838 |
| 1924 | 3394 | 1170 | 1602 |
| 1925 | 3188 | 1220 | 1621 |
| 1926 | 2969 | 1066 | 1733 |
| 1927 | 2613 | 1004 | 1524 |
| 1928 | 2568 | 801 | 1462 |

During the year 1928 two primaries and two elections were held, a presidential primary in April, state primary in September, state and national election in November, and city election in December. The national election in November aroused unusual interest and the registration of new voters exceeded the number put on the list in any year except when suffrage was extended to include women. The total registration was 7034. Of this number 4095 were women, 2939 men, or 1156 more women than men.

This large registration increased the volume of work of the city clerk's office in the matter of elections as well as in the office of the registrars of voters, and the extra demands were met successfully.

A statement in detail of the financial transactions of the city clerk's office for the last fiscal year, from December 1, 1927 to November 30, 1928, follows:—

LICENSES

| | |
|--|----------|
| 47 Auctioneers | \$94.00 |
| 2 Awnings | 2.00 |
| Billiard tables, pool tables, etc. | 1,214.25 |
| Bowling alleys | 507.25 |
| 4 Carousels, etc. | 20.00 |
| 500 Dances | 500.00 |
| 4 Firearms (sell, rent or lease) | 20.00 |
| 18 Hawkers and pedlers of fish | 180.00 |
| 18 Badges | 9.00 |
| 18 Wagon plates | 9.00 |
| 33 Hawkers and pedlers of fruit and vegetables | 660.00 |
| 33 Badges | 16.50 |
| 33 Wagon plates | 16.50 |
| 193 Garages (G. L. Chap. 148, Sections 14-15) | 193.00 |
| 1 Gunpowder | 1.00 |
| 9 Intelligence offices | 18.00 |
| 49 Junk collectors | 147.00 |
| 49 Badges | 24.50 |
| 49 Wagon plates | 24.50 |
| 64 Junk and second hand dealers | 320.00 |
| 4 Pawnbrokers | 200.00 |
| 45 Petroleum (G. L. Chap. 148, Sections 14-15) | 45.00 |
| 400 Public vehicles | 400.00 |
| 405 Seals | 202.50 |

CITY CLERK'S REPORT

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|-----------------------------|------------|
| 18 Sausages, etc. | 18.00 |
| 137 Scallops | 137.00 |
| 173 Special Police officers | 173.00 |
| 2 Circuses | 100.00 |
| Theatres, etc. | 306.67 |
| 4 Special auctioneers | 40.00 |
| 1 Marquee | 1.00 |
| 1 Areaway | 1.00 |
| 1 Itinerant vendor | 22.08 |
| | <hr/> |
| | \$5,622.75 |

FEES

| | |
|--|------------|
| 10 Assignments of wages | \$7.00 |
| Bills of sale | 87.30 |
| 4 Building movings | 20.00 |
| 50 Building obstructions | 105.00 |
| 207 Business certificates | 93.15 |
| Copies of records | 488.40 |
| 4 Dry cleaning establishment registrations | 2.00 |
| 1443 Garage registrations | 721.50 |
| 2 Gunpowder registrations | 1.00 |
| 703 Intentions of marriage | 703.00 |
| 42 Married woman's certificates | 10.50 |
| Mortgages | 945.40 |
| 23 Assignments | 16.40 |
| 55 Discharges | 38.70 |
| 96 Margin discharges | 48.00 |
| 8 Foreclosures | 4.30 |
| 2 Optometrists' registrations | 1.00 |
| 425 Petroleum registrations | 212.50 |
| 4 Physicians' registrations | 1.00 |
| 184 Sign permits | 184.00 |
| 18 Soldiers' and sailors' discharge papers | 4.50 |
| 20 Copies | 9.00 |
| 64 Transfers | 28.80 |
| 10 Voluntary assignments | 10.00 |
| 1 Writ | .45 |
| Copies of pole orders | 176.66 |
| 1 Copy transient vendor's state license | 1.00 |
| 1 Special police badge | .25 |
| 5 Power of attorneys | 5.00 |
| 1 Release of writ | .70 |
| 1 List of pool and bowling alleys | 1.00 |
| For issuing dog licenses | 903.00 |
| For issuing hunting, fishing, trapping and lobster licenses | 476.20 |
| | <hr/> |
| | \$5,306.71 |

PAID TO COUNTY AND STATE

| | |
|--|-------------|
| Paid to Treasurer of Bristol County | |
| For dog licenses | \$10,470.40 |
| Paid to Division of Fisheries and Game | |
| For resident citizen sporting licenses | \$3,718.00 |
| For resident citizen trapping licenses | 34.00 |
| For non-resident citizen sporting licenses | 30.00 |
| For alien sporting licenses | 45.00 |
| For alien trapping licenses | 15.00 |
| For minor trapping licenses | 3.00 |
| For duplicate licenses | 11.00 |
| For resident citizen lobster licenses | 6.80 |
| For alien lobster licenses | 17.85 |
| | <hr/> |
| | \$3,880.65 |

RECAPITULATION

| | |
|----------------|-------------|
| Licenses | \$5,622.75 |
| Fees | 5,306.71 |
| Paid to County | 10,470.40 |
| Paid to State | 3,880.65 |
| | <hr/> |
| | \$25,280.51 |

The expenditures for maintaining the city clerk's office during the past fiscal year follow:—

| | |
|---------------------------------|-------------|
| Personal service | |
| Salaries and wages | \$23,360.80 |
| Other than personal service | |
| Express and carting | 20.76 |
| Advertising | 51.45 |
| Printing | 1,403.48 |
| Automobile hire | 119.00 |
| Plates, badges and tags | 360.85 |
| Supplies | 415.11 |
| Repairs | 11.40 |
| Binding and restoring documents | 224.70 |
| Telephone | 70.71 |
| Travel expense | 21.00 |
| Office equipment | 724.00 |
| All other | 174.37 |
| | <hr/> |
| Total | \$26,957.63 |
| Budget appropriation | \$28,000.00 |
| Balance unexpended | 1,042.37 |
| Expenditures in 1927 | \$29,045.42 |
| Decrease in 1928 expenditures | 2,037.79 |

CITY CLERK'S REPORT

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BIRTH INFORMATION FOR 1928

| | | |
|--|-------|------------|
| Total number of births recorded in 1928 (including 112 stillbirths) | | 2568 |
| Males | 1393 | |
| Females | 1174 | |
| Sex not reported | 1 | |
| | <hr/> | 2568 |
| Total number of births recorded in 1927 | | 2613 |
| Decrease 1928 from 1927 | | 45 |
| Returned by physicians, midwives, and parents | | 2539 |
| Returned by churches, (baptisms) and not otherwise | | 19 |
| Returned through canvass and not otherwise | | 8 |
| Returned through death reports and not otherwise | | 2 |
| Total | | <hr/> 2568 |
| Children born in New Bedford, residence of parents in New Bedford | | 2297 |
| Children born in New Bedford, residence of parents elsewhere in Massachusetts | | 196 |
| Children born elsewhere in Massachusetts, residence of parents in New Bedford | | 65 |
| Children born in New Bedford, residence of parents out of state | | 10 |
| Children born out of state, residence of parents in New Bedford | | 0 |
| Total | | <hr/> 2568 |
| Twin births reported | 32 | |
| Number of stillbirths | 112 | |
| Born of American parents | | 946 |
| Born of foreign parents | | 900 |
| Born of American father and foreign mother | | 277 |
| Born of foreign father and American mother | | 363 |
| Born of American mother, father of unknown nationality | | 64 |
| Born of foreign mother, father of unknown nationality | | 14 |
| Born of parentage unknown | | 4 |
| Total | | <hr/> 2568 |

MARRIAGE DATA

| | |
|-----------------------------------|-----------|
| Marriage intentions filed in 1928 | 709 |
| Marriage intentions filed in 1927 | 901 |
| Decrease | <hr/> 192 |
| Marriages recorded in 1928 | 801 |
| Marriages recorded in 1927 | 1004 |
| Decrease | <hr/> 203 |

DEATH DATA

| | |
|---------------------------------|-------|
| Total number of deaths recorded | 1,593 |
|---------------------------------|-------|

| | |
|--------------|--|
| As follows : | |
|--------------|--|

| | |
|-----------------------|--|
| Deaths in New Bedford | |
|-----------------------|--|

| | |
|-------------|-------|
| Males | 655 |
| Females | 695 |
| Stillbirths | 112 |
| | <hr/> |
| | 1,462 |

| | |
|--|-----|
| Deaths of New Bedford residents reported from out of the city | 131 |
|--|-----|

STATISTICS OF 1,462 DEATHS IN NEW BEDFORD

| | |
|--------------------------------------|-----------|
| Under 5 years of age | 263 |
| 5 to 10 years of age | 30 |
| 10 to 20 years of age | 59 |
| 20 to 30 years of age | 63 |
| 30 to 40 years of age | 88 |
| 40 to 50 years of age | 125 |
| 50 to 60 years of age | 177 |
| 60 to 70 years of age | 237 |
| 70 to 80 years of age | 191 |
| 80 to 90 years of age | 104 |
| Over 90 years of age | 15 |
| Oldest person to die | 101 years |
| Born in New Bedford | 456 |
| Born in other places in the | |
| United States | 267 |
| Born in Canada | 175 |
| Born in Portugal | 177 |
| Born in England | 134 |
| Born in all other foreign countries | 141 |
| Birthplace unknown | 2 |
| Deaths from tubercular causes | 121 |
| Deaths due to cancer | 108 |
| Deaths due to tumor | 5 |
| Deaths reported by medical examiners | 177 |

Of the 177 medical examiners' certificates of death, 20 were of deaths in which motor vehicles played a part; 8 were accidental gas poisoning cases; 7 were suicides by gas poisoning. The remaining 142 were from other causes.

CITY CLERK'S REPORT

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STATE ELECTION

The vote at the state election November 6, 1928, follows:—

Vote of
the city

ELECTORS OF PRESIDENT AND VICE PRESIDENT

| | |
|---------------------------------------|--------|
| Foster and Gitlow, Workers Party | 121 |
| Hoover and Curtis, Republican | 13,860 |
| Reynolds and Crowley, Socialist Labor | 22 |
| Smith and Robinson, Democratic | 17,512 |
| Thomas and Maurer, Socialist | 510 |
| Blanks | 1,090 |

GOVERNOR

| | |
|--|--------|
| Frank G. Allen of Norwood, Republican | 14,029 |
| Chester W. Bixby of Haverhill, Workers' Party | 253 |
| Charles H. Cole of Boston, Democratic | 16,204 |
| Washington Cook of Boston, Vigorous Prohibition Enforcement | 87 |
| Mary Donovan Hapgood of North Brookfield, Socialist Party | 631 |
| Edith Hamilton MacFadden of Cambridge, Independent Citizen | 23 |
| Stephen J. Surridge of Lynn, Socialist Labor Party | 99 |
| Scattering | 2 |
| Blanks | 1,789 |

LIEUTENANT GOVERNOR

| | |
|---|--------|
| John Corbin of Worcester, Workers Party | 576 |
| Henry C. Hess of Boston, Socialist Labor Party | 282 |
| Walter S. Hutchins of Greenfield, Socialist Party | 609 |
| John F. Malley of Newton, Democratic | 14,287 |
| William Sterling Youngman of Boston, Republican | 13,880 |
| Scattering | 1 |
| Blanks | 2,940 |

SECRETARY

| | |
|--|--------|
| Harry J. Canter of Boston, Workers Party | 728 |
| Frederic W. Cook of Somerville, Republican | 14,218 |
| Oscar Kinsalas of Springfield, Socialist Labor Party | 300 |
| Joseph Santosuosso of Boston, Democratic | 13,353 |
| Edith M. Williams of Brookline, Socialist Party | 664 |
| Scattering | 1 |
| Blanks | 3,851 |

TREASURER

| | |
|--|--------|
| James P. Bergin of Webster, Democratic | 14,324 |
| Albert Sprague Coolidge of Pittsfield, Socialist Party | 753 |
| John W. Haigis of Greenfield, Republican | 13,368 |
| Albert Oddie of Brockton, Workers Party | 472 |
| Charles S. Oram of Boston, Socialist Labor Party | 258 |
| Scattering | 2 |
| Blanks | 3,938 |

AUDITOR

| | |
|---|--------|
| John W. Aiken of Chelsea, Socialist Labor Party | 366 |
| Alonzo B. Cook of Boston, Republican | 13,589 |
| David A. Eisenberg of Boston, Socialist Party | 614 |
| Eva Hoffman of Boston, Workers Party | 472 |
| Francis J. O'Gorman of Boston, Democratic | 14,140 |
| Blanks | 3,934 |

ATTORNEY GENERAL

| | |
|---|--------|
| Edward P. Barry of Boston, Democratic | 14,312 |
| Morris I. Becker of Boston, Socialist Labor Party | 287 |
| Max Lerner of Worcester, Workers Party | 378 |
| John Weaver Sherman of Boston, Socialist Party | 590 |
| Joseph E. Warner of Taunton, Republican | 14,104 |
| Blanks | 3,444 |

SENATOR IN CONGRESS

| | |
|--|--------|
| John J. Ballam of Boston, Workers Party | 320 |
| Alfred Baker Lewis of Cambridge, Socialist Party | 557 |
| David I. Walsh of Fitchburg, Democratic | 17,635 |
| Benjamin Loring Young of Weston, Republican | 12,462 |
| Scattering | 34 |
| Blanks | 2,107 |

CONGRESSMAN—16th District

| | |
|--|--------|
| Willard E. Boyden of Sandwich, Democratic | 11,875 |
| Charles L. Gifford of Barnstable, Republican | 13,672 |
| Frank J. Manning of Boston, Socialist | 4,377 |
| Scattering | 19 |
| Blanks | 3,172 |

COUNCILLOR

| | |
|---|--------|
| Mark M. Duff of New Bedford, Republican | 20,567 |
| Scattering | 62 |
| Blanks | 12,486 |

SENATOR—Third Bristol District

| | |
|---|--------|
| Charles L. Booth of New Bedford, Democratic | 13,940 |
| Nathaniel P. Sowle of New Bedford, Republican | 14,633 |
| Scattering | 424 |
| Blanks | 4,118 |

REPRESENTATIVES IN GENERAL COURT—6th District—2

| | |
|---|-------|
| Louis M. Blanchette of New Bedford, Republican | 3,710 |
| Emile J. Gravel of New Bedford, Democratic | 4,366 |
| Joseph Leodore Millette of New Bedford, Labor Party Independent | 634 |
| Henry O. Saucier, Jr. of Acushnet, Democratic | 2,830 |
| Lawrence T. Woolfenden of New Bedford, Republican | 4,475 |
| Alfred M. Bessette of New Bedford | 2,743 |
| Blanks | 6,088 |

CITY CLERK'S REPORT

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REPRESENTATIVES IN GENERAL COURT—7th District—2 Bristol

| | |
|--|-------|
| Philip Barnet of New Bedford, Republican | 5,148 |
| John F. Begley of New Bedford, Democratic | 2,368 |
| William A. Brightman, Jr. of New Bedford, Democratic | 2,237 |
| Chester W. Chase of New Bedford, Republican | 5,535 |
| Scattering | 1 |
| Blanks | 3,991 |

REPRESENTATIVES IN GENERAL COURT—8th District—2 Bristol

| | |
|---|-------|
| Anthony Gerardi of New Bedford, Democratic | 3,176 |
| Arthur Goulart of New Bedford, Democratic | 5,159 |
| John Halliwell of New Bedford, Republican | 5,225 |
| Edgar F. Howland of New Bedford, Republican | 4,070 |
| Blanks | 4,474 |

COUNTY COMMISSIONERS—Bristol County—2

| | |
|---|--------|
| John I. Bryant of Fairhaven, Republican | 18,004 |
| Philip J. Russell of Fall River, Democratic | 12,578 |
| Richard E. Warner of Taunton, Republican | 13,892 |
| Scattering | 13 |
| Blanks | 21,743 |

CLERK OF COURTS—Bristol County

| | |
|---|--------|
| Edwin L. Barney of New Bedford, Republican | 13,125 |
| Patrick M. Doyle of New Bedford, Democratic | 15,956 |
| Scattering | 9 |
| Blanks | 4,025 |

REGISTER OF DEEDS—Bristol Southern District

| | |
|--|--------|
| James P. McCrohan of New Bedford, Republican | 22,059 |
| Scattering | 7 |
| Blanks | 11,049 |

ASSOCIATE COMMISSIONER—Bristol County—to fill vacancy

| | |
|--|--------|
| Clinton E. Austin of Mansfield, Republican | 18,730 |
| Scattering | 3 |
| Blanks | 14,382 |

LAW PROPOSED BY INITIATIVE PETITION

Shall the proposed law which provides that it shall be lawful in any city which accepts the act by vote of its city council and in any town which accepts the act by vote of its inhabitants, to take part in or witness any athletic outdoor sport or game, except horse racing, automobile racing, boxing or hunting with firearms, on the Lord's day between 2 and 6 P. M.; that such sports or games shall take place on such playgrounds, parks or other places as may be designated in a license issued by certain licensing authorities; that no sport or game shall be permitted in a place other than a public playground or park within one thousand feet of any regular place of worship; that the charging of admission fees or the taking of collections or the receiving of remuneration by any person in charge of or participating in any such sport or game shall not be prohibited; that the license may be revoked;

and that in cities and towns in which amateur sports or games are permitted under existing law such amateur sports or games may be held until the proposed law is accepted or the provisions of the existing law fail of acceptance on resubmission to the people, WHICH LAW WAS DISAPPROVED IN THE SENATE BY A VOTE OF 9 IN THE AFFIRMATIVE AND 22 IN THE NEGATIVE, AND IN THE HOUSE OF REPRESENTATIVES BY A VOTE OF 93 IN THE AFFIRMATIVE AND 110 IN THE NEGATIVE, be approved?

| | |
|--------|--------|
| Yes | 19,253 |
| No | 7,609 |
| Blanks | 6,253 |

QUESTION OF PUBLIC POLICY

Shall the senator from this district be instructed to vote for a resolution requesting Congress to take action for the repeal of the Eighteenth Amendment to the Constitution of the United States, known as the prohibition amendment?

| | |
|--------|--------|
| Yes | 18,843 |
| No | 7,444 |
| Blanks | 6,828 |

| | |
|--|--------|
| Number of absent ballots cast | 493 |
| Rejected as defective | 4 |
| Rejected, voted in person | 4 |
| Total number of names checked on voting list | 33,092 |
| Number of certificates issued | 23 |
| Total number of ballots cast | 33,115 |

The vote for representatives in the three districts in which New Bedford is included follows:

SIXTH BRISTOL DISTRICT—Wards 1 and 2 and Acushnet

| | |
|---|-------|
| Louis N. Blanchette of New Bedford, Republican | 4,011 |
| Emile J. Gravel of New Bedford, Democratic | 4,567 |
| Joseph Leodore Millette of New Bedford, Labor Party Independent | 663 |
| Henry O. Saucier, Jr. of Acushnet, Democratic | 3,140 |
| Lawrence T. Woolfenden of New Bedford, Republican | 4,858 |
| Alfred M. Bessette of New Bedford | 3,050 |
| Blanks | 6,619 |

SEVENTH BRISTOL DISTRICT—Wards 3 and 4 and Fairhaven

| | |
|--|-------|
| Philip Barnet of New Bedford, Republican | 7,005 |
| John F. Begley of New Bedford, Democratic | 3,023 |
| William A. Brightman, Jr. of New Bedford, Democratic | 2,898 |
| Chester W. Chase of New Bedford, Republican | 7,522 |
| Scattering | 1 |
| Blanks | 5,833 |

EIGHTH BRISTOL DISTRICT—Wards 5 and 6 and Dartmouth

| | |
|---|-------|
| Anthony Gerardi of New Bedford, Democratic | 3,463 |
| Arthur Goulart of New Bedford, Democratic | 5,674 |
| John Halliwell of New Bedford, Republican | 6,419 |
| Edgar F. Howland of New Bedford, Republican | 5,217 |
| Blanks | 5,579 |

CITY CLERK'S REPORT

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MUNICIPAL ELECTION

The result of the biennial municipal election December 4, 1928, follows :—

* Indicates candidate elected

MAYOR

| | |
|--|---------|
| Charles F. Archambault, 2043 Acushnet avenue, Taxpayers and Labor | 10,544 |
| Charles S. Ashley, 93 State street, Ashley Party | 14,612* |
| Fred E. Beal, 55 Summer street, Workers Communist Party | 312 |
| George A. Blake, 82 Middle street, People's Progressive | 374 |
| Henry S. Winslow, 74 Willis street, Winslow Party | 2,568 |
| Scattering | 6 |
| Blanks | 329 |

ALDERMAN—Ward One

| | |
|---|---------|
| Napoleon J. Gaouette, 3770 Acushnet avenue Winslow Party | 2,789 |
| Joseph Harrison, 208 Eugenia street, Ashley Party | 12,737* |
| Emules D. Letendre, 11 Moynan street, People's Progressive | 901 |
| Haworth Taylor, 219 Shaw street, Taxpayers and Labor | 9,071 |
| Scattering | 5 |
| Blanks | 3,242 |

ALDERMAN—Ward Two

| | |
|--|---------|
| Charles L. Booth, 129 Durfee street, Winslow Party | 3,791 |
| Thomas Corrigan, 424 Mt. Pleasant street, Workers Communist Party | 732 |
| Thomas H. Hampton, 684 Summer street, Taxpayers and Labor | 7,262 |
| Ernest E. Lavertu, 1866 Purchase street, Ashley Party | 12,500* |
| Henry A. Watson, 618 Cottage street, People's Progressive | 1,056 |
| Blanks | 3,404 |

ALDERMAN—Ward Three

| | |
|--|---------|
| Frank C. Brown, 139 Hillman street, Taxpayers and Labor | 9,552 |
| Oscar D. Kelleher, 1174 Purchase street, Ashley Party | 12,202* |
| Edward M. Sullivan, 31 Shawmut avenue, People's Progressive | 1,019 |
| Fielding H. Walsh, 197 Sycamore street, Winslow Party | 2,539 |
| Blanks | 3,433 |

ALDERMAN—Ward Four

| | |
|---|---------|
| Jesse S. Allen, 88 Newton street, People's Progressive | 827 |
| William A. Brightman, Jr., 594 Kempton street, Winslow Party | 2,373 |
| William C. Coon, 206 James street, Taxpayers and Labor | 8,038 |
| George H. Cushing, 193 Elm street, Ashley Party | 13,711* |
| Blanks | 3,796 |

ALDERMAN—Ward Five

| | |
|--|---------|
| Fred Chadwick, 98 West street, People's Progressive | 880 |
| Rufus A. Soule, Jr., 21 James street, Winslow Party | 3,954 |
| John A. Stitt, 14 Bay street, Ashley Party | 11,914* |
| William P. Vieira, 58 Fair street, Taxpayers and Labor | 8,370 |
| Blanks | 3,627 |

ALDERMAN—Ward Six

| | |
|---|---------|
| Herbert Melling, 467 Brock avenue, People's Progressive | 965 |
| Abraham Murgatroyd, 46 Valentine street, Winslow Party | 2,390 |
| Robert Upton, 713 Brock avenue, Ashley Party | 12,411* |
| Fred Walker, 36 Valentine street, Taxpayers and Labor | 8,951 |
| Scattering | 3 |
| Blanks | 4,025 |

ASSESSOR-AT-LARGE—Six years

| | |
|---|---------|
| William E. G. Batty, 98 Shawmut avenue, Taxpayers and Labor | 7,531 |
| James Craven, 276 Mt. Pleasant street, Winslow Party | 1,983 |
| L. Rodman Doane, 326 Arnold street, Independent | 5,568 |
| Joseph H. Handford, 26 Rotch street, Ashley Party | 11,816* |
| Blanks | 1,847 |

SCHOOL COMMITTEE—Four years—Three (3)

| | |
|--|---------|
| Frank Birtwistle, 34 Rotch street, Independent | 9,328* |
| Charles T. Bonney, 241 Reed street, Independent | 11,851* |
| Francis J. Denby, 109 Clinton street, Independent | 6,225 |
| George B. Goodman, 366 Arnold street, Independent | 5,358 |
| Hebert Hilton, 155 Belleville road, Labor Party | 4,970 |
| Aurelie Lebeault, 20 Margin street, Winslow Party | 4,550 |
| J. Edward Moore, 227 Pope street, Independent | 4,793 |
| Frank Vera, 300 Pleasant street | 10,233* |
| Harriet Wright, 405 Tarkiln Hill road, Labor Party | 5,576 |
| William G. Yates, 164 Tinkham street, Labor Party | 5,937 |
| Scattering | 3 |
| Blanks | 17,411 |

COMMON COUNCILMEN—Ward One—Four (4)

| | |
|--|--------|
| Henry H. Bowles, 2925 Acushnet avenue, Ashley Party | 1,684 |
| Arthur Cantin, 361 Hawes street, Winslow Party | 794 |
| August J. Cormier, 148 Sylvia street, People's Progressive | 1,071 |
| Aldege Cote, 103 Holly street, Ashley Party | 1,753 |
| Wilfred Couture, 258 Whitman street, People's Progressive | 593 |
| John C. DeMello, 8 Collette street, People's Progressive | 305 |
| Albert T. Gauvin, 113 Perry street, People's Progressive | 504 |
| Frank W. Harris, 1104 Tacoma street, Winslow Party | 741 |
| Wilfred Lafrenaye, 256 Church street, Taxpayers and Labor | 3,059* |
| Charles Lavimoniere, 28 Belleville road, Taxpayers and Labor | 2,875* |
| Wilfred LeClair, 68 Humphrey street, Ashley Party | 1,694 |
| Walter J. Query, 51 Nye street, Ashley Party | 1,697 |
| William Seddon, 29 Tarkiln Hill road, Taxpayers and Labor | 2,796* |

CITY CLERK'S REPORT

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| | |
|--|--------|
| Arthur Soucy, 170 Deane street, Winslow Party | 630 |
| Burgoyne Woolley, Jr., 6 Felton street, Winslow Party | 1,134 |
| John Wright, 405 Tarkiln Hill road, Taxpayers and Labor | 2,916* |
| Scattering | 2 |
| Blanks | 4,072 |
| COMMON COUNCILMEN—Ward Two—Four (4) | |
| Casimir Arendt, 6 Bonneau court, Ashley Party | 1,351* |
| Samuel Batty, 748 Shawmut avenue, Winslow Party | 542 |
| Robert A. Bellenoit, 102 DeWolf street, Taxpayers and Labor | 1,137 |
| Aldei Casavant, 341 Coggeshall street, Ashley Party | 1,462* |
| James P. Cocker, 273 Highland street, Taxpayers and Labor | 921 |
| Austin Fowler, 139 Adams street, Progressive Independent | 982 |
| James Harold Hunt, 35 Myrtle street, Ashley Party | 1,520* |
| Isaac A. Kenworthy, 106 Richmond street, People's Progressive | 281 |
| Allen A. Lamond, 106 Willow street, People's Progressive | 165 |
| Timothy J. Manning, 59 Mt. Pleasant street, Winslow Party | 760 |
| Angelo Occhiello, 224 State street, People's Progressive | 58 |
| John J. Purcell, 51 Vine street, Taxpayers and Labor | 1,004 |
| Bruno H. Repeta, 201 Myrtle street, Taxpayers and Labor | 749 |
| Leo A. Vanasse, 67 Austin street, Winslow Party | 611 |
| Wilfred J. Vanasse, 1411 Pleasant street, People's Progressive | 432 |
| Charles Wilmot, 30 Ashland place, Winslow Party | 544 |
| James Woodacre, 8 Studley street, Ashley Party | 1,676* |
| Milton Briggs, 68 Highland street | 1 |
| Blanks | 2,588 |
| COMMON COUNCILMEN—Ward Three—Four (4) | |
| Giuseppe Bellino, 467 Cottage street, People's Progressive | 106 |
| Freeman M. Borden, 28 Shawmut avenue, Taxpayers and Labor | 501 |
| Rudolf H. Brenneke, 100 Parker street, People's Progressive | 475 |
| William C. Brightman, 85 Walden street, Taxpayers and Labor | 625 |
| Lezime C. Chassey, 1004 Pleasant street, Taxpayers and Labor | 336 |
| Joseph C. Desmond, 117 Hillman street, Ashley Party | 2,436* |
| George N. Genest, 1548 Purchase street, Winslow Party | 347 |
| Harold E. Kenyon, 147 Maxfield street, Ashley Party | 2,138* |
| Walter J. Langfield, 90 Robeson street, Ashley Party | 2,079* |
| Edward F. Riley, 21 Shawmut avenue, Taxpayers and Labor | 683 |
| George H. Sistare, 474 Park street, Ashley Party | 2,530* |
| Arthur Uttley, 123 Smith street, Winslow Party | 639 |
| Leo H. Walsh, 53 Locust street, People's Progressive | 525 |
| Arthur W. Wheeler, 181½ North street, Winslow Party | 492 |
| Clifton L. Wright, 137 Locust street, People's Progressive | 256 |
| Blanks | 2,008 |

COMMON COUNCILMEN—Ward Four—Four (4)

| | |
|--|--------|
| David S. Anderson, 343 Morgan street, Winslow Party | 639 |
| Everett A. Dunham, 2nd, 151 Morgan street, Taxpayers and Labor | 718 |
| Walter J. Gagnon, 596 Kempton street, Winslow Party | 273 |
| Harry E. Jenkins, 48 Newton street, People's Progressive | 279 |
| Alfred R. Machado, 427 Acushnet avenue, People's Progressive | 77 |
| J. Roger MacIlwain, 278 Park street, People's Progressive | 145 |
| William C. Maguire, 474 Union street, Winslow Party | 338 |
| Frank Wood Mahon, 71 Mechanics street, Ashley Party | 2,382* |
| Bernard C. McCabe, 299 Palmer street, Ashley Party | 2,332* |
| James F. Monaghan, 202 Kempton street, Taxpayers and Labor | 423 |
| Lewis F. Pierce, 223 Chancery street, Ashley Party | 2,571* |
| Hjalmar Napoleon Sundin, 45 Pierce street, Ashley Party | 2,453* |
| Vittorio M. G. Tarello, 29 Lindsay street, Taxpayers and Labor | 366 |
| George S. Taylor, r. 338 Kempton street, Winslow Party | 479 |
| James J. Tighe, 20 Emerson street, Taxpayers and Labor | 580 |
| Frank J. Hart, 77 Newton street | 1 |
| Blanks | 2,120 |

COMMON COUNCILMEN—Ward Five—Four (4)

| | |
|--|--------|
| John L. Almond, 431 Bedford street, Ashley Party | 2,588* |
| John H. Black, 268 Maple street, Winslow Party | 535 |
| Joseph F. Cambra, 3 Devoll street, Winslow Party | 537 |
| Albert J. Clement, 50 Sherman street, Taxpayers and Labor | 658 |
| Harry Crossley, 653 So. Water street, Taxpayers and Labor | 522 |
| William E. Jennings, 41 Plymouth street, Taxpayers and Labor | 816 |
| Walter L. Kent, 28 Wing street, People's Progressive | 199 |
| Bernard Kestenbaum, 451 Rockdale avenue, Ashley Party | 2,286* |
| William G. Morrison, 79 Forest street, Ashley Party | 2,196* |
| George Perry Ponte, 151 Rockland street, Ashley Party | 2,377* |
| John Rosparka, 100 Rockland street, People's Progressive | 86 |
| Kolman Shapira, 29 Fair street, Taxpayers and Labor | 495 |
| Anthony E. Sylvia, 262 Allen street, People's Progressive | 382 |
| Richard J. Ward, 15 Fair street, Winslow Party | 512 |
| Richard Wright, 313 Pleasant street, Winslow Party | 405 |
| Manuel Quadros, 66 Dartmouth street | 1 |
| Blanks | 2,865 |

CITY CLERK'S REPORT

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COMMON COUNCILMEN—Ward Six—Four (4)

| | |
|--|--------|
| Leo E. J. Carney, 53 Ashley street, Taxpayers and Labor | 1,911* |
| Alfred Charette, 96 David street, Taxpayers and Labor | 1,817* |
| Mary C. Correia, 27 Cleveland street, Workers Communist Party | 300 |
| Patrick J. Coyne, 67 Roosevelt street, Winslow Party | 864 |
| Manuel Frazer, 34 Jouvette street, People's Progressive | 365 |
| Frank J. Lach, 877 Brock avenue, Taxpayers and Labor | 1,417 |
| Napoleon Lalime, 64 Rodney French blvd., west, Ashley Party | 1,659* |
| William A. McCarthy, 143 Clara street, Ashley Party | 1,423 |
| William J. Newton, 19 George street, Winslow Party | 609 |
| William O'Mara, 182 Cove street, People's Progressive | 222 |
| Arthur W. Savaria, 1016 So. Water street, People's Progressive | 337 |
| John B. Sylvia, 91½ County street, Independent | 459 |
| Joseph Sylvia, 82 Crapo street, Ashley Party | 1,258 |
| Raymond Tschaen, 151 Apponagansett street, Taxpayers and Labor | 1,648* |
| John T. Wilkinson, 67 Oaklawn street, Ashley Party | 1,401 |
| Raymond F. Williams, 159 Bonney street, Winslow Party | 887 |
| William Norse, 158 David street | 1 |
| Blanks | 3,486 |
| Total number of names checked on voting lists | 28,739 |
| Number who voted on certificates from Registrars of Voters | 6 |
| Total number of ballots cast | 28,745 |

Respectfully submitted,

RODOLPHUS A. SWAN,

City Clerk.

CITY OF NEW BEDFORD,

IN BOARD OF ALDERMEN,

April 25, 1929.

Received, ordered printed in city documents, and sent
down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

April 25, 1929.

Concurred.

RUTH G. HILTON,

Clerk.

Attest :

RODOLPHUS A. SWAN,

City Clerk.

A SUMMARY OF AN AUDIT OF
THE ACCOUNTS
of the
CITY OF NEW BEDFORD

For the Fiscal Year Ending
November 30, 1927

Made in accordance with the provisions of
General Laws, Chapter 44, Section 36.

General Laws, Chapter 44, Section 40, provides:—
“Upon the completion of each audit, as aforesaid,
a report shall be made to the mayor and city govern-
ment in cities, * * * and a copy of the same
shall be furnished to the city or town clerk, who shall
cause the same or a summary of its essential features
to be published at the expense of the city or town.”

SUMMARY OF AUDIT

Published by Rodolphus A. Swan, City Clerk

The report of an audit of the books and accounts of the city of New Bedford for the fiscal year ending November 30, 1927, submitted by Theodore N. Waddell, Director of Accounts, Department of Corporations and Taxation, Commonwealth of Massachusetts, made in accordance with General Laws, Chapter 44, is in the form of a report made to him by Edward H. Fenton, chief accountant of the Division, of 69 typewritten pages together with a balance sheet which is published herewith.

There are no recommendations contained in the report. The financial transactions of the city, as recorded on the books of the several departments receiving or disbursing money for the city or committing bills for collection, were examined and verified by a comparison with the books and records in the offices of the treasurer and the auditor.

The following extracts from the examiner's report cover three of the departments:—

Auditor's Department:— The books and accounts in the auditor's office were examined and checked in detail. The recorded receipts were checked with the treasurer's books and with the books and records of the several departments responsible for the committing of bills for collection or collecting money for the city. The disbursements as recorded on the auditor's books were compared with the treasury warrants and with the payments as shown by the treasurer's books. Approved vouchers and pay-rolls were examined and checked with the appropriation accounts. The ledger entries of appropriations, transfers and loan authorizations, voted by the City Council during the fiscal year, were verified by a comparison with the city clerk's records of Council meetings. The ledger accounts were footed and analyzed, the necessary adjustments resulting from

the audit were entered, a trial balance was taken off, and a balance sheet, showing the financial condition of the city on November 30, 1927, was prepared and is appended to this report.

The work in this department has been performed in a neat, careful and painstaking manner. Care has been used in keeping expenditures safely within the amounts appropriated, and continued improvement was noted in reporting and recording commitments and collections applicable to departmental accounts receivable and assessments.

Treasurer's and Collector's Department:— The books and accounts of the treasurer and collector, as city treasurer, were examined and checked in detail. The receipts as recorded on the cash books were checked with the collector's records of receipts from taxes and assessments, with the records in the several departments issuing charges for collection and collecting money for the city, and with the other sources from which money was paid into the city treasury.

The disbursements were compared with the warrants authorizing the treasurer to pay out city funds, and the payments in advance of warrants, which had been authorized by the city auditor, were examined and verified.

The cash book was footed, the cash on hand was verified by an actual count on April 5, 1928, and the bank balances were proved with statements received from the various banks of deposit.

The payments on account of debt and interest were compared with the amounts falling due during the fiscal year and were checked with the cancelled securities and coupons on file.

The bank books and securities representing the investments of the several trust and investment funds in the custody of the city treasurer were personally examined and found to be as recorded.

Appended to this report are tables showing a reconciliation of the treasurer's cash and summaries of the trust and investment accounts.

The books and accounts of the treasurer and collector, as city collector, were examined and checked in detail. The commitments of taxes and assessments were compared with the warrants issued by the board of assessors for their collection. The recorded collections were checked with the commitment books, and the daily reports of collections as shown on the auditor's records were verified by a comparison with the entries on the treasurer's cash book.

The abatements allowed were checked with the records of abatements granted by the board of assessors, and the outstanding accounts as shown on the commitment books were listed and proved to the auditor's books.

The commitments of assessments levied by the board of aldermen for sewer, sidewalk and betterment construction were verified by a comparison with the records of the board of aldermen; the recorded collections were checked with the treasurer's and the auditor's books, the apportionments granted were verified, and the outstanding accounts were listed and proved.

The commitments of departmental accounts receivable were examined and compared with the records in the departments where the charges originated. Collections from these sources were checked with the treasurer's and the auditor's books. The abatements granted by the departments were verified, and the outstanding accounts were listed and reconciled with the several departmental records and the books of the city auditor.

Notices were mailed to about three hundred persons whose names appeared on the books as owing money to the city, requesting verification of

these outstanding accounts, and replies thereto indicate that the accounts, as listed, are correct.

The tax titles taken by the city were found to be properly recorded and the redemptions were checked and verified.

The collections of taxes, assessments and all other accounts receivable have been consistently and diligently followed up during the past year, as in former years. With the exception of a few uncollected poll taxes of previous years, which were later abated, the outstanding taxes as listed on April 5, 1928, were those of the previous year only, a condition to be noted with satisfaction. Added attention was also given to the departmental collections, and the uncollected balances show a substantial reduction in these accounts.

Tables showing summaries of tax, assessment, and departmental accounts receivable are appended to this report.

City Clerk's Department:—The financial records of the city clerk were examined and checked in detail. The records of licenses granted were compared with the records of licenses issued, and the receipts on account of licenses, permits, recording fees, etc., were checked and proved. The recorded payments to the treasurer were verified by a comparison with the treasurer's and the auditor's books.

The collections on account of sporting and of dog licenses issued were checked and compared with the amounts due and paid to the state and county treasurers, respectively.

The cash on hand in the city clerk's department was reconciled on May 17, 1928, by an actual count of the cash in the office and a statement rendered by the Safe Deposit National Bank on that date. The city clerk's records of financial votes and

orders passed by the City Council were examined and checked to the auditor's records.

The report also includes an examination of the trust and investment funds of the city in the custody of the city treasurer. These were personally examined and verified, the income checked and proved, and the recorded disbursements examined and verified.

The balance sheet of the examiners follows:—

CITY OF NEW BEDFORD
BALANCE SHEET—NOVEMBER 30, 1927
Revenue Accounts

ASSETS

| | | |
|----------------------------------|------------|-----------------------|
| Cash: | | |
| In Banks and Office, | | \$1,249,163.91 |
| Cash Variations, | | 25.56 |
| Accounts Receivable: | | |
| Taxes: | | |
| Levy of 1925, | \$121.76 | |
| Levy of 1926, | 16,492.61 | |
| Levy of 1927, | 951,479.90 | |
| | | 968,094.27 |
| Tax Titles, | | 7,331.51 |
| Special Assessments: | | |
| Sewer 1927—Added to taxes, | 717.87 | |
| Sidewalk 1927—Added to taxes, | 10,283.12 | |
| Betterment 1926—Added to taxes, | 22,532.12 | |
| Betterment 1927—Added to taxes, | 7,705.33 | |
| Unapportioned sewer, | 14,245.16 | |
| Unapportioned sidewalk, | 28,589.40 | |
| Unapportioned betterment, | 132,757.09 | |
| | | 216,830.09 |
| Departmental: | | |
| Fire, | \$135.00 | |
| Health, | 6,767.42 | |
| Municipal Garbage Plant, | 351.09 | |
| Sewer Catch Basins, | 205.57 | |
| Sewers and Drains, | 14,751.63 | |
| Highway Maintenance, | 7,646.61 | |
| Department of Public Welfare— | | |
| State, | 34,261.75 | |
| Department of Public Welfare— | | |
| Cities, etc., | 4,924.01 | |
| State Aid—Due from State, | 3,988.00 | |
| Military Aid—Due from State, | 113.00 | |
| Soldiers Burials—Due from State, | 199.04 | |
| School Department, | 2,627.50 | |
| Vocational School, | 3,013.63 | |
| Continuation School, | 2,270.12 | |
| Committed Interest on Special | | |
| Assessments, | 2,930.38 | |
| | | 84,184.75 |
| Highway Improvement, | | 7,567.16 |
| Water Rates, | \$546.02 | |
| Water Miscellaneous, | 4,966.06 | |
| Water Assessments 1927— | | |
| Added to taxes. | 351.87 | |
| | | 5,863.95 |
| Advances—Salary, | | 266.79 |
| Overdrawn Accounts: | | |
| Interest, | \$4,859.95 | |
| Overlay—Levy of 1925, | 3,838.90 | |
| Overlay—Levy of 1926, | 5,083.99 | |
| | | 13,782.84 |
| | | <u>\$2,553,110.83</u> |

CITY OF NEW BEDFORD
BALANCE SHEET—NOVEMBER 30, 1927

Revenue Accounts

LIABILITIES

| | | |
|-----------------------------|------------|----------------|
| Temporary Loans: | | |
| In Anticipation of Revenue, | | \$1,500,000.00 |
| Warrants Payable, | | 192,676.60 |
| Pay-roll Tailings, | | 2,473.65 |
| Trust Fund Income Balances: | | |
| School Funds, | \$1,909.72 | |
| Library Funds, | 471.33 | |
| Cemetery 6% Fund, | 6,057.82 | |
| | <hr/> | 8,438.87 |

Special Accounts (Unexpended Balances):

| | | |
|-------------------------------|------------|------------|
| Highway Deposits, | \$8,480.14 | |
| Sewer Deposits, | 10,635.67 | |
| Schools—Dog Fund, | 2,382.46 | |
| Smith-Hughes Fund— | | |
| Continuation School, | 5,860.35 | |
| Smith-Hughes Fund— | | |
| Vocational School, | 2,904.25 | |
| Library—Dog Fund, | 2.06 | |
| Police Station No. 3—Repairs, | 1,290.00 | |
| Clark's Cove Bulkhead, | 4,000.00 | |
| Clark's Cove Sea Wall, | 9,552.56 | |
| Public Debt—Bonds, | 2,000.00 | |
| Wharf Revenue, | 5,569.04 | |
| Water Department, | 52,776.41 | |
| Cemetery—Sale of Lots, | 5,523.38 | |
| | <hr/> | 110,976.32 |

| | | |
|-------------------------------------|--|----------------|
| Reserved for Payment of Debt: | | |
| Wharf Land Sale, | | 8,569.98 |
| Overlays (reserved for abatements): | | |
| Levy of 1927, | | 20,234.96 |
| Reserve Fund (Surplus Overlay), | | .72 |
| Tax Title Revenue, | | 7,331.51 |
| Special Assessment Revenue, | | 216,830.09 |
| Departmental Revenue, | | 84,184.75 |
| Highway Improvement Revenue, | | 7,567.16 |
| Water Revenue, | | 5,863.95 |
| Surplus Revenue, | | 387,962.27 |
| | | <hr/> |
| | | \$2,553,110.83 |

CITY OF NEW BEDFORD
BALANCE SHEET—NOVEMBER 30, 1927

Non-Revenue Accounts

| | | |
|-----------------------------------|-------------|--------------|
| Cash: | | |
| In Banks and Office, | | \$279,667.61 |
| Loans Authorized, | | 190,000.00 |
| | | <hr/> |
| | | \$469,667.61 |
| Warrants Payable, | | 29,823.14 |
| Construction Authorized: | | |
| Water, | | 190,000.00 |
| Appropriation Balances: | | |
| Municipal Hospital, | \$69,723.32 | |
| Sewer—General Construction, | 35,959.69 | |
| Catch Basins, | 154.58 | |
| Jarry and Pine Grove Streets, | 16,211.88 | |
| Truro Street, | 237.17 | |
| Highway Improvement, | 7,946.33 | |
| Highway Land Damages, | 2,163.53 | |
| Highway—County and Fair Streets | 120.68 | |
| Highway—New Buildings, | 18,022.66 | |
| Widening Union Street, | 12,953.31 | |
| Pope's Island Sea Wall, | 1,409.42 | |
| Junior High School—Equipment, | 6,042.39 | |
| Vocational School Architect Fees, | 3,000.00 | |
| School Loan Balances, | 10,655.92 | |
| Land and Building Loan Balances, | 33,537.89 | |
| Water Construction, | 31,705.70 | |
| | <hr/> | 249,844.47 |
| | | <hr/> |
| | | \$469,667.61 |

DEFERRED REVENUE ACCOUNTS

| | | |
|---|--|-------------|
| Apportioned Assessments Not Due: | | |
| Sewer, | | \$185.79 |
| Sidewalks, | | 8,037.89 |
| Betterment, | | 13,497.11 |
| | | <hr/> |
| | | \$21,720.79 |
| Sewer Assessment Revenue 1928 to 1935, | | \$185.79 |
| Sidewalk Assessment Revenue 1928 to 1937, | | 8,037.89 |
| Betterment Assessment Revenue 1928 to 1936, | | 13,497.11 |
| | | <hr/> |
| | | \$21,720.79 |

CITY OF NEW BEDFORD
BALANCE SHEET—NOVEMBER 30, 1927

Debt Accounts

Sinking Funds:

| | |
|---------------------------|-----------------------|
| Cash and Securities, | \$809,420.76 |
| Net Funded or Fixed Debt, | 12,282,314.17 |
| | <hr/> \$13,091,734.93 |

Inside Debt Limit:

| | |
|-------------------------------------|----------------------|
| Municipal Building Loans, | \$23,000.00 |
| Police Station Equipment Loan, | 18,000.00 |
| Sewer Loans, | 380,000.00 |
| Garbage Disposal Loan, | 111,000.00 |
| Highway Improvement Loans, | 3,154,000.00 |
| Highway Macadam Loans, | 506,000.00 |
| Howland Street, Pope's Island Loan, | 14,000.00 |
| Clark's Cove Sea Wall Loan, | 6,000.00 |
| Bridge Loans, | 7,000.00 |
| School Loans, | 95,000.00 |
| Park Land Loans, | 25,000.00 |
| Land and Building Loans, | 310,000.00 |
| Cemetery Loans, | 3,000.00 |
| | <hr/> \$4,652,000.00 |

Outside Debt Limit:

| | |
|--------------------------------|--------------------|
| Municipal Building Loans, | 56,000.00 |
| Police Station Loans, | 70,000.00 |
| Fire Station Loans, | 84,000.00 |
| Municipal Hospital Loans, | 111,000.00 |
| Sewer Loans, | 2,242,000.00 |
| Purchase Street Widening Loan, | 117,000.00 |
| Union Street Widening Loan, | 36,000.00 |
| Bridge Loans, | 790,000.00 |
| School Loans, | 3,298,000.00 |
| Library Loans, | 34,000.00 |
| Park Loans, | 200,000.00 |
| Water Loans, | 1,361,000.00 |
| Trust Funds Refunding Loan, | 14,000.00 |
| | <hr/> 8,413,000.00 |

| | |
|------------------------------------|-----------------------|
| Cemetery Trust Funds used by City, | 26,734.93 |
| | <hr/> \$13,091,734.93 |

CITY OF NEW BEDFORD
BALANCE SHEET—NOVEMBER 30, 1927

Trust and Investment Accounts

| | |
|---|--------------------|
| Cash and Securities, | \$894,729.66 |
| Cemetery Funds—used by city, | 26,734.93 |
| | <hr/> \$921,464.59 |
| Kempton Fund (Gift of Sarah E. Potter), | \$260,906.38 |
| Jonathan Bourne School Fund, | 1,000.00 |
| Charles S. Paisler Educational Fund, | 30,115.58 |
| Sylvia Anna Howland Educational and Library Fund, | 102,680.58 |
| George O. Crocker Library Fund, | 10,329.28 |
| Oliver Crocker Library Fund, | 1,000.00 |
| Charles L. Wood Library Fund, | 2,000.00 |
| George Howland Jr., Library Fund, | 1,600.00 |
| Charles W. Morgan Library Fund, | 1,000.00 |
| James B. Congdon Library Fund, | 500.00 |
| Edward Denham Library Fund, | 15,693.66 |
| Cemetery Perpetual Care Funds, | 422,987.98 |
| Soldiers' and Sailors' Memorial Fund (War Bonus), | 71,651.13 |
| | <hr/> \$921,464.59 |

PROPERTY ACCOUNTS

| | |
|---|-----------------------|
| City Property, | \$28,008,406.11 |
| City Water Works, | 4,324,274.75 |
| | <hr/> \$32,332,680.86 |
| City of New Bedford (Balancing Account) | \$32,332,680.86 |
| | <hr/> \$32,332,680.86 |

**A SUMMARY OF AN AUDIT OF
THE ACCOUNTS
of the
CITY OF NEW BEDFORD**

**For the Fiscal Year Ending
November 30, 1928**

Made in accordance with the provisions of
General Laws, Chapter 44, Section 36.

General Laws, Chapter 44, Section 40, provides:—
“Upon the completion of each audit, as aforesaid,
a report shall be made to the mayor and city govern-
ment in cities, * * * and a copy of the same
shall be furnished to the city or town clerk, who shall
cause the same or a summary of its essential features
to be published at the expense of the city or town.”

SUMMARY OF AUDIT

Published by Rodolphus A. Swan, City Clerk.

The report of an audit of the books and accounts of the city of New Bedford for the fiscal year ending November 30, 1928, submitted by Theodore N. Waddell, Director of Accounts, Department of Corporations and Taxation, Commonwealth of Massachusetts, made in accordance with General Laws, Chapter 44, is in the form of a report made to him by Edward H. Fenton, chief accountant of the Division, of 65 typewritten pages together with a balance sheet which is published herewith.

There are no recommendations contained in the report. The financial transactions of the city, as recorded on the books of the several departments receiving or disbursing money for the city or committing bills for collection, were examined and verified by a comparison with the books and records in the offices of the treasurer and the auditor.

The following extracts from the examiner's report cover four of the departments:—

Mayor's Department:— The recorded receipts from amusement licenses issued were checked to the applications granted. The recorded payments to the city treasurer were checked and proved with the treasurer's and the auditor's books. The payments to the Department of Public Safety were verified with the receipts in file and compared with a statement received from the state department. The method of handling the receipts from these licenses has been changed, so that henceforth the fees for these licenses will be included in the payments of that department to the city treasurer. The cash on hand was counted and verified on July 20, 1929.

Auditor's Department:— The books and accounts in the auditor's office were examined and checked in detail. The recorded receipts were checked with

the cash books of the city treasurer and with the books and records of the several departments collecting money for the city or responsible for the committing of bills for collection. The disbursements, as recorded on the auditor's books, were verified by a comparison with the warrants authorizing payments by the city treasurer, and were checked with the payments as shown by the treasurer's books. Approved vouchers and pay-rolls were examined and checked with the appropriation accounts. Entries of appropriations, transfers, and loan authorizations, voted by the City Council during the fiscal year, were compared with the city clerk's records of council meetings and were verified. The ledger accounts were footed and analyzed, necessary adjustments resulting from the audit were entered, a trial balance was taken off, and a balance sheet, showing the financial condition of the city on November 30, 1928, was prepared and is appended to this report.

Treasurer's and Collector's Department:— The books and accounts of the treasurer and collector, as city treasurer, were examined and checked in detail. The recorded receipts were compared with the collector's records of collections from taxes and assessments, with the records in the several departments in which charges originated or in which money was collected for the city, and with the other sources from which money was paid into the city treasury. The disbursements were verified by a comparison with the approved treasury warrants and with the auditor's books. Payments in advance of warrants, which had been authorized by the city auditor were checked and verified. The cash book was footed, the cash on hand was personally counted and verified on June 3, 1929, and the bank balances were proved with statements furnished by the several banks of deposit.

The payments on account of debt and interest were proved with the amounts falling due and with the cancelled coupons and securities on file.

The bank books and securities representing the

investments of the several trust funds and the investment fund in the custody of the city treasurer were personally examined and verified.

Appended to this report are tables showing a reconciliation of the treasurer's cash and summaries of the trust and investment funds.

The books and accounts of the treasurer and collector, as city collector, were examined and checked in detail. The commitments of taxes and assessments were compared with the warrants issued by the board of assessors, and the abatements were checked with the assessors' records of abatements granted. The recorded collections were checked with the commitment books, and the daily reports of collections as shown on the auditor's records were checked and proved with the entries on the treasurer's cash book. The outstanding accounts as shown on the commitment books were listed and verified by a comparison with the auditor's books.

The commitments of assessments levied by the Board of Aldermen for sewer, sidewalk, and betterment construction were checked with the records of that board; the recorded collections were compared with the treasurer's and the auditor's books, the apportionments granted were checked with the assessors' records, and the outstanding accounts were listed and proved.

The commitments of departmental charges were checked and verified by a comparison with the records in the several departments, the abatements granted by the departments were checked, the collections were compared with the treasurer's and the auditor's books and the outstanding accounts were listed and reconciled. Further verification of the outstanding accounts was obtained by mailing notices to about three hundred persons whose names appeared on the books as owing money to the city, and replies thereto indicate that the accounts, as listed, are correct.

The tax titles taken by the city were found to be properly recorded, and the redemptions were checked and verified.

City Clerk's Department:— The financial records of the city clerk were examined and checked in detail. The records of licenses granted were compared with the records of licenses issued, and the receipts on account of licenses, permits, recording, fees, etc., were checked and verified. The recorded payments to the city treasurer were checked and compared with the treasurer's and the auditor's books.

The collections on account of sporting and dog licenses issued were verified and compared with the amounts due and paid to the state and county treasurers, respectively.

The cash on hand on July 1, 1929, was verified by an actual count of the cash in the city clerk's office and a reconciliation of the bank statement rendered by the Safe Deposit National Bank on that date.

The city clerk's record of financial votes and orders passed by the City Council was examined and checked to the auditor's records.

The report also includes an examination of the trust and investment funds of the city in the custody of the city treasurer. These were personally examined and verified, the income checked and proved, and the recorded disbursements examined and verified.

The balance sheet of the examiners follows:—

CITY OF NEW BEDFORD
BALANCE SHEET—NOVEMBER 30, 1928
Revenue Accounts

ASSETS

| | | |
|---------------------------------------|--------------|----------------|
| Cash: | | |
| In Banks and Office, | | \$1,136,419.85 |
| Accounts Receivable: | | |
| Taxes: | | |
| Levy of 1927, | \$22,287.72 | |
| Levy of 1928, | 1,340,056.24 | |
| | | <hr/> |
| | | 1,362,343.96 |
| Tax Titles, | | 15,541.25 |
| Special Assessments: | | |
| Added to taxes: | | |
| Sewer 1928, | \$9,032.95 | |
| Sidewalk 1928, | 11,902.98 | |
| Betterment 1928, | 1,656.92 | |
| Unapportioned Sewer, | 8,714.35 | |
| Unapportioned Sidewalk, | 5,154.06 | |
| Unapportioned Betterment, | 132,757.09 | |
| | | <hr/> |
| | | 169,218.35 |
| Departmental: | | |
| Fire, | \$135.00 | |
| Health, | 11,666.20 | |
| Municipal Garbage Plant, | 351.09 | |
| Sewers and Drains, | 5,942.37 | |
| Highway Maintenance, | 16,116.86 | |
| Highway Improvement, | 2,701.88 | |
| Board of Public Welfare—State, | 63,548.74 | |
| Board of Public Welfare—Cities, etc., | 5,467.12 | |
| State Aid—Due from State, | 3,592.00 | |
| Military Aid—Due from State, | 127.00 | |
| Soldiers' Burial—Due from State, | 160.00 | |
| School, | 3,429.00 | |
| Vocational School, | 2,810.54 | |
| Continuation School, | 1,733.76 | |
| Committed Interest on Special | | |
| Assessments, | 2,407.64 | |
| | | <hr/> |
| | | 120,189.20 |
| Water Rates, | \$2,439.08 | |
| Water Miscellaneous, | 4,156.17 | |
| Water Assessments 1928— | | |
| Added to Taxes, | 5.49 | |
| | | <hr/> |
| | | 6,600.74 |
| Advances—Salary, | | 252.61 |
| Overdrawn Accounts: | | |
| Interest, | \$57,108.83 | |
| Court Judgments, | 200.00 | |
| Water Department, | 19,826.00 | |
| Overlay—Levy of 1927, | 233.91 | |
| | | <hr/> |
| | | 77,368.74 |
| | | <hr/> |
| | | \$2,887,934.70 |

CITY OF NEW BEDFORD

BALANCE SHEET—NOVEMBER 30, 1928

Revenue Accounts

LIABILITIES

| | | |
|---|------------|----------------------|
| Temporary Loans: | | |
| In Anticipation of Revenue, | | \$2,250,000.00 |
| Warrants Payable, | | 210,059.41 |
| Cash Variations, | | 383.15 |
| Pay-roll Tailings, | | 2,518.39 |
| Premiums on Bonds, | | 3,070.50 |
| Trust Fund Income Balances: | | |
| School Funds, | \$2,055.20 | |
| Library Funds, | 947.64 | |
| Cemetery 6% Fund, | 5,790.81 | |
| | | <hr/> 8,793.65 |
| Special Accounts (Unexpended Balances): | | |
| Sewer Deposits, | \$2,193.60 | |
| Highway Deposits, | 1,642.53 | |
| Schools—Dog Fund, | 4,086.71 | |
| Smith-Hughes Fund— | | |
| Continuation School, | 5,894.05 | |
| Smith-Hughes Fund— | | |
| Vocational School, | 7,049.17 | |
| Library Dog Fund, | 7.88 | |
| Harbor Improvement, | 406.35 | |
| Maturing Debt, | 7,000.00 | |
| Wharf Revenue, | 6,852.03 | |
| Cemetery Sales of Lots, | 4,413.78 | |
| | | <hr/> 39,546.10 |
| Reserved for Payment of Debt: | | |
| Wharf Land Sale, | 8,569.98 | |
| Overlays (reserved for abatements), | 6,128.61 | |
| Reserve Fund (Surplus Overlay), | 15.77 | |
| Tax Title Revenue, | 15,541.25 | |
| Special Assessment Revenue, | 169,218.35 | |
| Departmental Revenue, | 120,189.20 | |
| Water Revenue, | 6,600.74 | |
| Surplus Revenue, | 47,299.60 | |
| | | <hr/> \$2,887,934.70 |

CITY OF NEW BEDFORD

BALANCE SHEET—NOVEMBER 30, 1928

Non-Revenue Accounts

| | | |
|----------------------------------|-------------|--------------|
| Cash: | | |
| In Banks and Office, | | \$252,650.50 |
| Loans Authorized, | | 190,000.00 |
| | | <hr/> |
| | | \$442,650.50 |
| Warrants Payable, | | \$36,551.66 |
| Construction Authorized: | | |
| Water, | | 190,000.00 |
| Appropriation Balances: | | |
| Municipal Hospital, | \$69,723.32 | |
| Sewer—General Construction, | 5,147.46 | |
| Catch Basins, | 100.61 | |
| Widening Union Street, | 7,218.60 | |
| Highway Improvement, | 386.58 | |
| Pope's Island Sea Wall, | 1,409.42 | |
| Highway—New Buildings, | 2,206.02 | |
| New Vocational School, | 74,606.84 | |
| Junior High School Equipment, | 696.39 | |
| South End Junior High School— | | |
| Grading, | 3,340.01 | |
| Land and Building Loan Balances, | 22,037.89 | |
| Water Construction, | 29,225.70 | |
| | <hr/> | \$216,098.84 |
| | | <hr/> |
| | | \$442,650.50 |

DEFERRED REVENUE ACCOUNTS

| | |
|--|-------------|
| Apportioned Assessments Not Due: | |
| Sewer, | \$3,030.18 |
| Sidewalk, | 9,839.89 |
| Betterment, | 11,840.19 |
| | <hr/> |
| | \$24,710.26 |
| Sewer Assessment Revenue 1929 to 1938, | 3,030.18 |
| Sidewalk Assessment Revenue 1929 to 1938, | 9,839.89 |
| Betterment Assessment Revenue 1929 to 1936 | 11,840.19 |
| | <hr/> |
| | \$24,710.26 |

CITY OF NEW BEDFORD

BALANCE SHEET—NOVEMBER 30, 1928

Debt Accounts

Sinking Funds:

| | |
|---------------------------|-----------------|
| Cash and Securities, | \$800,616.26 |
| Net Funded or Fixed Debt, | 11,450,118.67 |
| | <hr/> |
| | \$12,250,734.93 |

Inside Debt Limit:

| | | |
|-------------------------------------|--------------|----------------|
| Municipal Building Loans, | \$20,000.00 | |
| Police Station Equipment Loan, | 16,000.00 | |
| Sewer Loans, | 332,000.00 | |
| Garbage Disposal Loan, | 103,000.00 | |
| Highway Improvement Loans, | 2,990,000.00 | |
| Highway Macadam Loans, | 328,000.00 | |
| Howland Street, Pope's Island Loan, | 10,000.00 | |
| Clark's Cove Sea Wall Loan, | 5,000.00 | |
| Bridge Loans, | 6,000.00 | |
| School Loans, | 88,000.00 | |
| Park Land Loans, | 23,000.00 | |
| Land and Building Loans, | 289,000.00 | |
| Cemetery Loans, | 1,000.00 | |
| | <hr/> | \$4,211,000.00 |

Outside Debt Limit:

| | | |
|--------------------------------|--------------|--------------|
| Municipal Building Loans, | \$37,000.00 | |
| Police Station Loans, | 63,000.00 | |
| Fire Station Loans, | 74,000.00 | |
| Municipal Hospital Loan, | 101,000.00 | |
| Sewer Loans, | 2,111,000.00 | |
| Purchase Street Widening Loan, | 97,000.00 | |
| Union Street Widening Loan, | 30,000.00 | |
| Bridge Loans, | 789,000.00 | |
| School Loans, | 3,184,000.00 | |
| Library Loans, | 21,000.00 | |
| Park Loans, | 200,000.00 | |
| Water Loans, | 1,299,000.00 | |
| Trust Funds Refunding Loan, | 7,000.00 | |
| | <hr/> | 8,013,000.00 |

| | |
|------------------------------------|-----------------|
| Cemetery Trust Funds used by City, | 26,734.93 |
| | <hr/> |
| | \$12,250,734.93 |

CITY OF NEW BEDFORD

BALANCE SHEET—NOVEMBER 30, 1928

Trust and Investment Accounts

| | | |
|---|--------------|--------------|
| Cash and Securities, | | \$914,594.07 |
| Cemetery Funds—used by City, | | 26,734.93 |
| | | <hr/> |
| | | \$941,329.00 |
| Kempton Fund (Gift of Sarah E. Potter), | \$260,906.38 | |
| Jonathan Bourne School Fund, | 1,000.00 | |
| Charles S. Paisler, Educational Fund, | 30,115.58 | |
| Sylvia Ann Howland Educational and Library Fund, | 102,427.00 | |
| George O. Crocker Library Fund, | 10,173.74 | |
| Oliver Crocker Library Fund, | 1,000.00 | |
| Charles L. Wood Library Fund, | 2,000.00 | |
| George Howland, Jr. Library Fund, | 1,600.00 | |
| Charles W. Morgan Library Fund, | 1,000.00 | |
| James B. Congdon Library Fund, | 500.00 | |
| Edward Denham Library Fund, | 16,031.75 | |
| Cemetery Perpetual Care Funds, | 439,479.69 | |
| Soldiers' and Sailors' Memorial Fund (War Bonus), | 75,094.86 | |
| | <hr/> | \$941,329.00 |
| | | <hr/> |
| | | \$941,329.00 |

PROPERTY ACCOUNTS

| | |
|--|-----------------|
| City Property, | \$28,794,184.35 |
| City Water Works, | 4,326,914.75 |
| | <hr/> |
| | \$33,121,099.10 |
| City of New Bedford (Balancing Account), | \$33,121,099.10 |
| | <hr/> |
| | \$33,121,099.10 |

ANNUAL REPORT
OF THE
CITY TREASURER
FOR THE

Fiscal Year Ending November 30,

1928



NEW BEDFORD, MASS.

Office of the City Treasurer,
New Bedford, Mass., December 1, 1928.

To the City Council of the City of New Bedford:

Gentlemen:—Submitted herewith find the annual report of this department for the year ending November 30, 1928, as required by the ordinances.

Respectfully submitted,
(Signed) JOHN MORRIS,
City Treasurer.

STATEMENT OF CASH RECEIPTS AND CASH PAYMENTS FOR THE FISCAL YEAR 1928.

SUMMARY

Cash Receipts

| | | |
|----------------------------------|-----------------|-----------------|
| Revenue Sources | \$14,124,625.52 | |
| Non-revenue | 728,851.62 | |
| Kempton Fund | 11,238.54 | |
| Perpetual Care Funds | 15,572.71 | |
| All Other Funds | 24,059.46 | |
| Cemetery Sale of Lots | 8,945.00 | |
| Highway and Sewer Deposits | 15,527.64 | |
| | | <hr/> |
| Total cash receipts | | \$14,928,820.49 |
| Cash balance, Dec. 1, 1927 | | 1,528,831.52 |
| | | <hr/> |
| | | \$16,457,652.01 |

Cash Disbursements

| | | |
|----------------------------------|-----------------|-----------------|
| Revenue Purposes | \$14,220,992.38 | |
| Non-revenue Purposes | 760,558.40 | |
| Kempton Fund | 11,240.01 | |
| Perpetual Care Funds | 15,572.71 | |
| All Other Funds | 18,323.92 | |
| Cemetery Sale of Lots | 10,506.60 | |
| Highway and Sewer Deposits | 31,387.64 | |
| | | <hr/> |
| Total cash payments | | \$15,068,581.66 |
| Cash balance, Dec. 1, 1928 | | 1,389,070.35 |
| | | <hr/> |
| | | \$16,457,652.01 |

We have examined the foregoing and believe the same to be correct.

(Signed) JOHN A. STITT,
LEWIS F. PIERCE,
JOHN L. ALMOND.

Sub-committee of the Joint Standing Committee on Finance, appointed to examine the books and accounts of the City Treasurer and City Auditor.

ANNUAL REPORT
OF THE
COLLECTOR OF TAXES

New Bedford, Mass.

December 1, 1928.

To the City Council of the City of New Bedford:

Gentlemen:—In compliance with the ordinance requiring that the annual report of the Collector of Taxes shall be made to the City Council annually in January, I submit herewith statement of all collections made during the fiscal year ending November 30, 1928, together with a statement of taxes remaining unpaid.

Respectfully submitted,

(Signed) JOHN MORRIS,

Collector of Taxes.

STATEMENT OF TAX COLLECTIONS

DR.

| | 1928 | 1927 |
|--|----------------|----------------|
| Uncollected balance December 1, 1927 | | \$972,213.49 |
| Assessors warrants in detail 1928 | | |
| State Tax | \$266,140.22 | |
| County Tax | 264,304.96 | |
| City Tax Department Appropriations | 3,448,757.43 | |
| City Tax Debt Appropriation | 1,889,275.00 | |
| Overlay | 17,710.95 | |
| Poll Taxes | 69,732.00 | |
| Apportioned Sidewalks | 1,804.83 | |
| Unapportioned Sidewalks | 16,320.36 | |
| Apportioned Sewers | 96.77 | |
| Unapportioned Sewers | 9,591.72 | |
| Apportioned Widenings | 1,656.92 | |
| Unapportioned Widenings | | |
| Water Liens | 4.59 | |
| Costs on Water Liens | .90 | |
| Committed Interest | 3,014.29 | |
| Refunds on Taxes | 1,782.58 | 289,832.76 |
| Additional Warrants and Re-Assessments | 2,408.80 | 1,262.29 |
| Total Debits | \$5,992,602.32 | \$1,263,308.54 |

STATEMENT OF TAX COLLECTIONS

| CR. | | 1928 | 1927 |
|---|--|----------------|----------------|
| Collections :— | | | |
| Real Estate | | \$3,093,124.65 | \$825,399.26 |
| Personal Estate | | 1,472,022.71 | 86,125.62 |
| Polls | | 43,326.00 | 15,058.00 |
| Apportioned Sewer | | 35.54 | 5.23 |
| Unapportioned Sewer | | 620.00 | 712.64 |
| Apportioned Sidewalks | | 741.42 | 438.44 |
| Unapportioned Sidewalks | | 5,480.79 | 9,794.48 |
| Committed Interest | | 606.65 | 1,852.19 |
| Apportioned Widenings | | | 1,414.97 |
| Unapportioned Widenings | | | 6,290.36 |
| Water | | | 250.90 |
| Water (Costs) | | | 6.50 |
| Abatements :— | | | |
| Real Estate | | 8,244.62 | 224,370.75 |
| Personal Estate | | 6,558.32 | 68,125.84 |
| Polls | | 6.00 | 1,438.00 |
| Total Credits | | \$4,630,766.70 | \$1,241,283.18 |
| Balances Uncollected December 1, 1928 | | \$1,361,835.62 | \$22,025.36 |

TRUST FUNDS

New Bedford, Mass.,

December 1, 1928.

To the City Council of the City of New Bedford:

The trustees of bequests, gifts and trust funds of the City of New Bedford herewith submit the following as their Twenty-first Annual Report:—

REPORT

The principal of the Kempton Fund, the gift of Sarah E. Potter is \$250,000.00.

Under the provisions of the City Ordinances approved by the Mayor, February 26, 1914, and March 12, 1914, the Trustees of the Kempton Fund are also charged with the management and control of the investment of the following funds, viz:

TRUST FUNDS

| | |
|--|--------------|
| Sylvia Ann Howland, Educational and Library Fund | \$100,000.00 |
| George O. Crocker, Library Fund | 10,000.00 |
| Charles L. Wood, Library Fund | 2,000.00 |
| Oliver Crocker, Library Fund | 1,000.00 |
| George Howland Jr., Library Fund | 1,600.00 |
| Charles W. Morgan, Library Fund | 1,000.00 |
| James B. Congdon, Library Fund | 500.00 |
| Jonathan Bourne, School Fund | 1,000.00 |
| Edward Denham, Library Fund | 16,031.75 |

\$133,131.75

The gross amount of income which has been received by the Trustees is \$17,048.78 and of this there has been paid to the City Treasurer, as provided in the several Trusts and City Ordinances, \$16,710.69, and to the Edward Denham Library Fund there has been credited for accumulation \$338.09.

(Signed) FREDERIC TABER,
ALBERT H. DOYLE,
JOSEPH M. READ.

Trustees.

TRUST FUNDS

9 J

The Kempton Fund, the Gift of Sarah E. Potter

| | Par Value | Rate | Income 1928 |
|-----------------------------------|--------------------|------|-------------------|
| C. B. & Q. R. R. | \$50,000.00 | 4 | \$2,000.00 |
| California State | 15,000.00 | 4½ | 637.50 |
| Boston & Maine | 20,000.00 | 5 | 1,000.00 |
| Kansas City | 19,000.00 | 4½ | 855.00 |
| Baltimore, Md. | 13,000.00 | 4 | 520.00 |
| Atlantic City, N. J. | 25,000.00 | 4.40 | 1,100.00 |
| Boston Elevated | 40,000.00 | 4½ | 1,800.00 |
| N. B. Inst. for Savings | 906.38 | 4½ | 43.04 |
| Providence & Worcester Ry. Co. .. | 18,000.00 | 4 | 720.00 |
| Atchison, Topeka & Santa Fe | 5,000.00 | 4 | 200.00 |
| Delaware & Hudson Co. | 5,000.00 | 4 | 200.00 |
| N. Y. N. H. & H. R. R. | 5,000.00 | 4 | 200.00 |
| N. Y. N. H. & H. R. R. | 20,000.00 | 4 | 800.00 |
| State of Arkansas | 25,000.00 | 4½ | 1,125.00 |
| | <hr/> \$260,906.38 | | <hr/> \$11,200.54 |

Sylvia Ann Howland, Educational and Library Fund

| | | | |
|---|--------------------|----|------------------|
| City of New Bedford | 25,000.00 | 4 | 1,000.00 |
| City of New Bedford | 1,000.00 | 4 | 40.00 |
| Old Colony R. R. Co. | 15,000.00 | 4 | 600.00 |
| N. B. Inst. for Savings, Deposits | 1,427.00 | 4½ | 73.48 |
| State of Illinois | 10,000.00 | 4 | 200.00 |
| Detroit, Mich. | 5,000.00 | 4¼ | 106.25 |
| State of Alabama | 10,000.00 | 4¼ | 212.50 |
| Akron, Ohio | 10,000.00 | 4½ | 225.00 |
| Minneapolis, Minn. | 5,000.00 | 4 | 100.00 |
| Spokane, Wash. | 10,000.00 | 4½ | 225.00 |
| (U. S. Liberty 4th - 4¼ - \$50,000.00 Int. to sale 6-4-1928) | | | 1,062.50 |
| Old Colony R. R. Co. | 10,000.00 | 5 | 500.00 |
| | <hr/> \$102,427.00 | | <hr/> \$4,344.73 |

George O. Crocker, Library Fund

| | | | |
|--|-------------------|----|----------------|
| N. B. Institution for Savings | 173.74 | 4½ | 11.73 |
| Montgomery, Ala. | 5,000.00 | 4½ | 112.50 |
| Port of Seattle, Wash. | 5,000.00 | 4½ | 225.00 |
| (Int. to 5-16-1928 - \$5,000.00 - 4¼ Woonsocket, R. I.) | | | 106.25 |
| | <hr/> \$10,173.74 | | <hr/> \$455.48 |

Oliver Crocker, Library Fund

| | | | |
|--------------------------------------|------------|----|-------|
| N. B. Inst. for Savings, Deposits... | \$1,000.00 | 4½ | 47.50 |
|--------------------------------------|------------|----|-------|

Charles L. Wood, Library Fund

| | | | |
|--------------------------------------|----------|----|-------|
| N. B. Inst. for Savings, Deposits... | 2,000.00 | 4½ | 95.00 |
|--------------------------------------|----------|----|-------|

| | | | |
|--------------------------------------|-------------|----|----------|
| George Howland Jr., Library Fund | | | |
| N. B. Inst. for Savings, Deposits... | 1,600.00 | 4½ | 76.00 |
| Charles W. Morgan, Library Fund | | | |
| N. B. Inst. for Savings, Deposits... | 1,000.00 | 4½ | 47.50 |
| James B. Congdon, Library Fund | | | |
| N. B. Inst. for Savings, Deposits... | 500.00 | 4½ | 23.75 |
| Jonathan Bourne, School Fund | | | |
| N. B. Inst. for Savings, Deposits... | 1,000.00 | 4½ | 47.50 |
| Edward Denham Library Trust Fund | | | |
| Oct. 1, 1927 | | | |
| Deposited in N. B. Five Cents Sav- | | | |
| ings Bank ½ Principal | 7,846.83 | | 372.69 |
| Deposited in Safe Deposit National | | | |
| Bank Savings Dept. ½ Principal | | | |
| plus Income | 8,184.92 | | 338.09 |
| (To be left to accumulate by terms | | | |
| of will) | | | |
| | <hr/> | | <hr/> |
| | \$16,031.75 | | \$710.78 |

TRUST FUNDS

11 J

New Bedford, Mass.,

December 1, 1928.

To the City Council of the City of New Bedford :

As Treasurer of the Charles S. Paisler Educational Fund
I submit herewith the following Eleventh Annual Report :—

REPORT

The principal of the Charles S. Paisler Educational Fund is \$30,115.58, which amount is deposited in the New Bedford Safe Deposit National Bank at 4 per cent. The income is to be divided as per provisions of the will and acceptance of trust as follows, viz :

One-third to Mary V. King for life and two-thirds to the City of New Bedford, Charles S. Paisler Educational Fund.
Received :

| | |
|--|------------------------|
| Interest for year ending November 30, 1928 | \$1,305.07 |
| Paid | |
| One-third to Mary V. King | \$435.02 $\frac{1}{3}$ |
| Two-thirds to City of New Bedford, Charles S. Paisler Educational Fund | 870.04 $\frac{2}{3}$ |
| | ————— \$1,305.07 |

Respectfully submitted,

(Signed) JOHN MORRIS,

City Treasurer.

Report of the Commissioners of the Sinking Funds

City of New Bedford,

Feb. 1, 1929.

To the City Council of the City of New Bedford:

Gentlemen:—At a meeting of the Commissioners of the Sinking Funds of the City of New Bedford, held this date, it was

Voted:—To adopt the foregoing statement of the Treasurer of the Sinking Funds as the report of the Commissioners of the Sinking Funds of the City of New Bedford, required by the Statutes of the Commonwealth of Massachusetts to be made annually to the City Council.

CHAS. S. KELLEY, JR., Chairman,

EDMUND H. LELAND,

BENJ. A. TRIPP,

Commissioners of Sinking Funds.

Report of the Treasurer of the Sinking Funds

City of New Bedford, Mass.

December 1, 1928.

*To the Commissioners of the Sinking Funds
of the City of New Bedford:*

Gentlemen:—Herewith find a statement of my accounts as Treasurer of the Sinking Funds for the year 1928, together with a list of securities in the fund.

DR.

| | |
|--|--------------|
| Par value of Sinking Fund Investments, close 1927 | \$809,420.76 |
| Income Account 1928 | 26,195.50 |
| | <hr/> |
| | \$835,616.26 |

CR.

| | |
|---|--------------|
| Par Value of Investments, close 1928 | \$800,616.26 |
| Sinking Fund Acct. No. 31 mat. Feb. 1, 1928 | 35,000.00 |
| | <hr/> |
| | \$835,616.26 |

INVESTMENT OF NEW BEDFORD SINKING FUNDS, 1928.

| | | | | | | |
|------|-------|----|----------------------|----|------------|-------------|
| 1929 | Feb. | 1 | New Bedford | 3½ | \$3,000.00 | |
| | Apr. | 1 | New Bedford | 4 | 2,000.00 | |
| | June | 1 | N. B. School Loan | 4 | 1,000.00 | |
| | | | N. B. M'pal Bldg. | | | |
| | June | 1 | Loan | 4 | 1,000.00 | |
| | | | Am. T. & T. Co., | | | |
| | July | 1 | Collateral Trust | 4 | 25,000.00 | |
| | | | Am. T. & T. Co., | | | |
| | July | 1 | Collateral Trust | 4 | 20,000.00 | |
| | | | Am. T. & T. Co., | | | |
| | July | 1 | Collateral Trust | 4 | 5,000.00 | |
| | | | Am. T. & T. Co., | | | |
| | July | 1 | Collateral Trust | 4 | 5,000.00 | |
| | July | 1 | New Bedford | 4 | 5,000.00 | |
| | | | | | <hr/> | \$67,000.00 |
| 1930 | Jan. | 31 | Natick Sewer Loan | 3½ | 5,000.00 | |
| | | | City of Brockton | | | |
| | Mar. | 1 | Water Loan 1897 | 3½ | 10,000.00 | |
| | April | 1 | New Bedford | 4 | 2,000.00 | |
| | | | City of Taunton | | | |
| | Dec. | 1 | Sewer Loan 1901 | 3½ | 8,000.00 | |
| | | | | | <hr/> | \$25,000.00 |
| 1931 | Apr. | 1 | New Bedford | 4 | 2,000.00 | |
| | Jul. | 1 | New Bedford | 4 | 2,000.00 | |
| | | | | | <hr/> | \$4,000.00 |
| 1932 | Mar. | 1 | New Bedford | | | |
| | | | Sewer Loan | 3½ | 3,000.00 | |
| | Apr. | 1 | New Bedford | | | |
| | | | Sewer Loan | 4 | 2,000.00 | |
| | Aug. | 1 | West End St. Ry. | 4 | 49,000.00 | |
| | | | | | <hr/> | \$54,000.00 |
| 1933 | Apr. | 1 | Fall River | | | |
| | | | Sewer No. 22 | 3½ | 3,000.00 | |
| | Apr. | 1 | New Bedford | 4 | 2,000.00 | |
| | May | 1 | Boston & Albany | | | |
| | | | Railroad | 4 | 5,000.00 | |
| | Dec. | 1 | Los Angeles, City of | | | |
| | | | Water Works | 4½ | 20,000.00 | |
| | | | | | <hr/> | \$30,000.00 |
| 1934 | Apr. | 1 | New Bedford | 4 | 2,000.00 | |
| | May | 1 | N. Y. C. & H. R. R. | | | |
| | | | Co., Debentures | 4 | 20,000.00 | |
| | July | 1 | Citizens Elec. Ry. | 6 | 1,000.00 | |
| | Aug. | 1 | City of Willimantic | 4 | 1,000.00 | |
| | | | | | <hr/> | \$24,000.00 |

SINKING FUNDS

17 J

| | | | | | | |
|------|-------|---|--|----|-----------|-------------|
| 1935 | Apr. | 1 | Lynn Act 1903 | | | |
| | | | Sea Street | 3½ | 5,000.00 | |
| | Apr. | 1 | New Bedford | 4 | 2,000.00 | |
| | May | 1 | Boston Elevated | 4 | 15,000.00 | |
| | July | 1 | City of So. Norwalk, Funding | 4 | 3,000.00 | |
| | Sept. | 1 | City of So. Nor- walk, Refunding | 4 | 5,000.00 | |
| | May | 1 | Boston Elevated | 4 | 30,000.00 | |
| | | | | | | <hr/> |
| | | | | | | \$60,000.00 |
| 1936 | Apr. | 1 | New Bedford | 4 | 2,000.00 | |
| | | | | | | <hr/> |
| | | | | | | \$2,000.00 |
| 1937 | Apr. | 1 | New Bedford | 4 | 1,000.00 | |
| | May | 1 | City of Quincy Sewer Loan Act 1895 | 4 | 2,000.00 | |
| | | | | | | <hr/> |
| | | | | | | \$3,000.00 |
| 1938 | July | 1 | Kalamazoo, Al. & G. R. R. R. 1st Guaranteed by Lake Shore and Michigan | 5 | 4,000.00 | |
| | Dec. | 1 | Town of Stamford, Town Hall | 4 | 5,000.00 | |
| | | | | | | <hr/> |
| | | | | | | \$9,000.00 |
| 1940 | July | 1 | Erie & Pitts. R. R. Series E. Guaranteed by Penn. Railroad | 3½ | 50,000.00 | |
| | | | | | | <hr/> |
| | | | | | | \$50,000.00 |
| 1942 | Apr. | 1 | N. B. Park Loan | 4 | 1,000.00 | |
| | May | 1 | Quincy Sewer Loan, Act 1902 | 3½ | 1,000.00 | |
| | | | | | | <hr/> |
| | | | | | | \$2,000.00 |
| 1943 | May | 1 | Delaware & Hudson Co. | 4 | 10,000.00 | |
| | May | 1 | Delaware & Hudson Co. | 4 | 10,000.00 | |
| | | | | | | <hr/> |
| | | | | | | \$20,000.00 |
| 1944 | Jan. | 1 | Boston & Maine | 4½ | 5,000.00 | |
| | Feb. | 1 | Miami, Fla. Mu- nicipal Improve- ment Co. of date | 5 | 20,000.00 | |
| | Mar. | 1 | St. Johnsbury and Lake Champlain Boston & Maine Guaranteed | 5 | 11,000.00 | |
| | | | | | | <hr/> |
| | | | | | | \$36,000.00 |

SINKING FUNDS

| | | | | | | |
|------|-------|---|---|----|-----------|-------------|
| 1945 | July | 1 | New England R. R. Consolidated Mtg. Guaranteed by N. Y. N. H. & H. | 4 | 13,000.00 | |
| | | | | | | \$13,000.00 |
| 1946 | Dec. | 1 | Am. Tel. & Tel. Collateral Trust | 5 | 50,000.00 | |
| | | | | | | \$50,000.00 |
| 1949 | July | 1 | C. B. & Q. Illinois Division | 3½ | 36,000.00 | |
| | July | 1 | C. B. & Q. Illinois, Division | 4 | 39,000.00 | |
| | | | | | | \$75,000.00 |
| 1951 | Aug. | 1 | Ill. Central Omaha Division, First 3 | | 25,000.00 | |
| | Sept. | 1 | Mich. Central Ry. Jackson Lansing & Saginaw | 3½ | 12,000.00 | |
| | July | 1 | New Bedford | 3½ | 10,000.00 | |
| | | | | | | \$47,000.00 |
| 1952 | May | 1 | Mich. Central | 3½ | 30,000.00 | |
| | | | | | | \$30,000.00 |
| 1953 | July | 1 | Ill. Central Ry. Louisville Division Terminal | 3½ | 22,000.00 | |
| | | | | | | \$22,000.00 |
| 1954 | Jan. | 1 | Wash. Co. R. R. Guaranteed by Maine Central | 3½ | 16,000.00 | |
| | Apr. | 1 | N. Y. N. H. & H. Debentures | 3½ | 11,000.00 | |
| | May | 1 | N. Y. N. H. & H. Harlem River & Port Chester | 4 | 15,000.00 | |
| | May | 1 | Naugatuck R. R. 1st Mortgage | 4 | 4,000.00 | |
| | | | | | | \$46,000.00 |
| 1955 | July | 1 | N. Y. N. H. & H. Debentures | 4 | 53,000.00 | |
| | | | | | | \$53,000.00 |

SINKING FUNDS

19 J

| | | | | | |
|----------------------------------|------|---|--------------|---|--------------|
| 1957 | Jan. | 1 | New Bedford | | |
| | | | Bridge Bonds | 4 | 5,000.00 |
| | Jan. | 1 | New Bedford | | |
| | | | Bridge Bonds | 4 | 10,000.00 |
| | Jan. | 1 | New Bedford | 4 | 4,000.00 |
| | | | | | <hr/> |
| | | | | | \$19,000.00 |
| Total | | | | | \$741,000.00 |
| Savings Bank and Note Account, | | | | | 16,160.14 |
| Cash on Deposit, | | | | | 43,456.12 |
| | | | | | <hr/> |
| Securities at par, close of 1928 | | | | | \$800,616.26 |

Respectfully submitted,

(Signed) JOHN MORRIS,

Treasurer.

STATEMENT OF CONDITION OF THE VARIOUS SINKING FUNDS

| No. | | Fund | Payable | Total |
|-----|-------------|-------------------------|--------------|--------------------|
| 36 | \$33,000.00 | Sewer Bonds | Feb. 1, 1929 | \$33,000.00 |
| 38 | 48,000.00 | Water Bonds | June 1, 1930 | 48,000.00 |
| 61 | 14,000.00 | School Bonds | Dec. 1, 1930 | 14,000.00 |
| 40 | 30,000.00 | Sewer Bonds | Mar. 1, 1932 | 30,000.00 |
| 48 | 30,000.00 | Sewer Bonds | Dec. 1, 1933 | 30,000.00 |
| 51 | 62,000.00 | Sewer Bonds | July 1, 1935 | 62,000.00 |
| 18 | 100,000.00 | Park Bonds | Apr. 1, 1942 | 100,000.00 |
| 39 | 28,000.00 | Park Bonds | July 1, 1951 | 27,726.87 |
| 54 | 72,000.00 | Park Bridge Approach | Jan. 1, 1957 | 55,859.29 |
| 53 | 777,000.00 | Bridge Bonds | Jan. 1, 1957 | 400,030.10 |
| | | | | <hr/> \$800,616.26 |

DIVISION OF SINKING FUNDS.

| | |
|-----------------------------------|--------------|
| Municipal Loans | \$169,000.00 |
| Water Loans | 48,000.00 |
| Park Loans | 127,726.87 |
| Bridge Loans | 400,030.10 |
| Park, Bridge Approach Loans | 55,859.29 |
| <hr/> | |
| \$800,616.26 | |

Annual Report of the Soldiers' Relief

New Bedford, Mass.,

December 1, 1928.

To the City Council of the City of New Bedford:

Gentlemen:

Submitted herewith find the annual report for the year ending November 30, 1928.

Respectfully submitted,

(Signed) JOHN MORRIS,

City Treasurer.

SUMMARY OF EXPENDITURES FOR THE FISCAL
YEAR ENDING NOVEMBER 30, 1928.

| | |
|---------------------------------------|--------------------|
| Groceries | \$15,222.43 |
| Wood | 1,284.67 |
| Coal | 4,748.19 |
| Coal Del. | 1,146.15 |
| Medicine | 2,607.11 |
| Hospital | 4,151.06 |
| Shoes | 1,535.80 |
| Office Supplies | 318.03 |
| Telephone | 2.05 |
| Miscellaneous | 74.80 |
| Cash Disbursements (Soldiers' Relief) | 83,164.31 |
| | <hr/> \$114,254.60 |

COMMENTS.

| | |
|--------------------|--|
| \$114,254.60 | Soldiers' Relief Expenditures for 1928 |
| 50,928.38 | Soldiers' Relief Expenditures for 1927 |
| <hr/> \$ 63,326.22 | Increased in amount expended than in 1927 |
| \$ 51,000.00 | Amount Appropriated for 1928 |
| 30,000.00 | Amount from Supplementary Budget May 24, 1928 |
| 32,000.00 | Amount from Supplementary Budget August 9, 1928 |
| 5,000.00 | Amount from Supplementary Budget November 22, 1928 |
| <hr/> \$118,000.00 | Amount Appropriated and Supplementary Budget |
| 114,254.60 | Soldiers' Relief Expenditures for 1928 |
| <hr/> \$ 3,745.40 | Balance from Appropriation and Supplementary Budgets |

RECIPIENTS BY WARS

| | |
|------------------------------------|-----------|
| Civil War | 57 |
| Spanish War | 33 |
| German War | 625 |
| Total Recipients for the year 1928 | <hr/> 715 |

SOLDIERS' RELIEF

23 J

AMOUNT RECEIVED FROM VARIOUS CASES
THROUGH THE YEAR TO REIMBURSE THE CITY
OF NEW BEDFORD, ARE AS FOLLOWS:

| DATE | FROM WHOM | SOURCE | AMTS. |
|----------------|---------------------|--------------|--------|
| Dec. 10, 1927 | Town of Norton | Case No. 818 | \$5.00 |
| Dec. 31, 1927 | Town of Whitman | Case No. 53 | 9.30 |
| Jan. 18, 1928 | City of Fall River | Case No. 792 | 13.30 |
| Feb. 2, 1928 | Town of Whitman | Case No. 53 | 11.30 |
| Mar. 4, 1928 | City of Lowell | Case No. 237 | 13.50 |
| Mar. 19, 1928 | City of Fall River | Case No. 792 | 18.60 |
| Mar. 22, 1928 | Alfred T. Hebert | Case No. 53 | 9.00 |
| Mar. 29, 1928 | Town of Whitman | Case No. 53 | 9.30 |
| May 11, 1928 | City of Boston | Case No. 922 | 10.00 |
| May 12, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| May 19, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| May 24, 1928 | Henry Fielding | Case No. 986 | 9.00 |
| May 26, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| June 2, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| June 4, 1928 | Return of Check | Case No. 611 | 20.00 |
| June 9, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| June 16, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| June 23, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| June 30, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| July 7, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| July 14, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| July 17, 1928 | City of Fall River | Case No. 237 | 4.06 |
| July 21, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| July 28, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Aug. 4, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Aug. 11, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Aug. 18, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Aug. 24, 1928 | Town of Easthampton | Case No. 237 | 15.00 |
| Aug. 25, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Aug. 31, 1928 | Town of Easthampton | Case No. 237 | 20.00 |
| Sept. 1, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Sept. 8, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Sept. 15, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Sept. 22, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Sept. 24, 1928 | Peter N. Arpin | Case No. 944 | 10.00 |
| Sept. 29, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Oct. 5, 1928 | Town of Easthampton | Case No. 237 | 32.00 |
| Oct. 6, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Oct. 8, 1928 | Peter N. Arpin | Case No. 944 | 8.00 |
| Oct. 13, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Oct. 15, 1928 | City of Lawrence | Case No. 237 | 30.00 |
| Oct. 20, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Oct. 26, 1928 | Town of Easthampton | Case No. 237 | 5.00 |
| Oct. 27, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Nov. 3, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Nov. 10, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Nov. 17, 1928 | Arthur Potvin | Case No. 326 | 2.00 |
| Nov. 23, 1928 | City of Lawrence | Case No. 237 | 25.00 |
| Nov. 24, 1928 | Arthur Potvin | Case No. 326 | 2.00 |

Total Reimbursement \$335.36

SOLDIERS' RELIEF

RECAPITULATION OF EXPENDITURES OF SOLDIERS' RELIEF FOR THE FISCAL YEAR ENDING NOVEMBER 30, 1928.

| Months | Groceries | Wood | Coal | Coal Del. | Medicine | Hospital | Shoes | Off. Sup. | Tel. | Misc. | Cash | Disb. | Monthly Total |
|--------|-----------|----------|----------|-----------|----------|----------|----------|-----------|------|-------|-----------|-------|---------------|
| 1927 | | | | | | | | | | | | | |
| Dec. | 987.68 | 124.00 | | 208.60 | 118.07 | 156.00 | 63.00 | 35.50 | | | 5,409.00 | | 7,101.85 |
| 1928 | | | | | | | | | | | | | |
| Jan. | 1,143.68 | 162.00 | | 134.11 | 231.80 | 596.00 | 81.00 | | | 37.50 | 5,773.50 | | 8,159.59 |
| Feb. | 944.28 | 132.00 | 1,162.50 | 186.92 | 248.06 | 359.00 | 103.25 | 10.50 | .75 | 16.90 | 6,036.50 | | 9,200.66 |
| Mar. | 1,190.03 | 127.00 | 7.00 | 218.06 | 176.10 | 744.25 | 90.70 | 55.50 | | .40 | 6,193.50 | | 8,802.54 |
| Apr. | 1,252.98 | 120.00 | 6.50 | 188.32 | 175.78 | 310.66 | 100.50 | 7.65 | .70 | | 6,260.50 | | 8,423.59 |
| May | 1,776.00 | 118.00 | | | 196.65 | 391.00 | 185.10 | 54.10 | | | 8,368.00 | | 11,089.85 |
| June | 1,566.00 | 65.00 | | | 210.24 | 396.05 | 121.75 | 49.75 | .60 | 20.00 | 7,872.56 | | 10,301.95 |
| July | 1,500.00 | 53.33 | | | 137.61 | 60.70 | 109.20 | 11.25 | | | 7,985.00 | | 9,887.09 |
| Aug. | 1,273.50 | 61.67 | 3,540.00 | | 164.93 | 218.00 | 57.50 | 21.50 | | | 8,365.00 | | 13,702.10 |
| Sept. | 1,468.00 | 71.67 | | | 257.49 | 468.00 | 381.95 | 4.68 | | | 8,116.75 | | 10,768.54 |
| Oct. | 1,441.71 | 150.00 | 16.69 | | 367.39 | 181.00 | 192.10 | 56.00 | | | 7,509.50 | | 9,914.39 |
| Nov. | 678.57 | 100.00 | 15.50 | 210.14 | 322.99 | 270.40 | 48.75 | 11.60 | | | 5,274.50 | | 6,932.45 |
| | 15,222.43 | 1,284.67 | 4,748.19 | 1,146.15 | 2,607.11 | 4,151.06 | 1,535.80 | 318.03 | 2.05 | 74.80 | 83,164.31 | | 114,254.60 |

City of New Bedford

In Board of Aldermen,
Feb. 28, 1929.

Received, ordered printed in the City Documents and sent
down for concurrence.

(Signed) RODOLPHUS A. SWAN,
City Clerk.

In Common Council.
Feb. 28, 1929.

Concurred.

(Signed) RUTH G. HILTON,
Clerk.

Thirty-sixth Annual Report

OF THE

ENGINEERING DEPARTMENT

CITY OF NEW BEDFORD

BY THE

CITY ENGINEER

For the Year 1928.



THE A. E. COFFIN PRESS—PRINTERS
NEW BEDFORD, MASS.
1929.

NEW BEDFORD

January 1, 1929

| | |
|---|--------------------------------|
| Set off from Dartmouth | 1787 |
| Incorporated as a city | 1847 |
| Length of city | 10.78 miles |
| Breadth of city (Maximum) | 3.10 " |
| Area—Land.... | 12,223 acres |
| Ponds.... | 193 " |
| Land and ponds.. | 12,416 acres - 19.40 sq. miles |
| Tidal water..... | 8,457 " |
| | <hr/> |
| | 20,873 acres - 32.61 sq. miles |
| Length of frontage on tidal waters..... | 10.13 miles |
| Depth of main channel..... | 25 ft. at low water |
| Average rise and fall of tide..... | 3.65 ft. |
| Population:—Assessor's estimate..... | 118,137 |
| Assessed valuation | \$201,581,800 |
| Assessed valuation per capita..... | \$1,706.33 |
| Accepted streets..... | 211.15 miles |
| Bridges (3)..... | 0.796 miles in New Bedford |
| Sewers..... | 181.48 miles |
| Length of Intercepting Sewer: | |
| Outfall..... | 0.626 miles |
| Interceptor..... | 7.66 " |
| 13 parks and 6 public playgrounds, area | 258.71 acres |
| 40 school buildings: Area of grounds..... | 69.16 acres |
| (includes 1 unused) | |

ENGINEER'S REPORT

City of New Bedford,

Engineering Department,

January 1, 1929.

To the City Council of the City of New Bedford:

Gentlemen:— In compliance with section 56 of the city ordinances defining the duties of the City Engineer, I respectfully submit the following report of the expenses and operations of the Engineering Department for the year 1928.

EXPENDITURES FOR FISCAL YEAR ENDING NOVEMBER 30, 1928.

| | | |
|---|-------------|-------------|
| Salaries and payrolls | \$40,645.74 | |
| Local transportation | 1,609.45 | |
| Photography | 8.56 | |
| Office furniture and repairs | 8.50 | |
| Boundstones | 25.00 | |
| Meteorological instruments | 9.12 | |
| General instruments for office and field .. | 7.00 | |
| Telephone and telegrams | 2.60 | |
| Annual reports | 67.50 | |
| Drawing supplies | 80.71 | |
| Plotting system | 165.72 | |
| Blueprint supplies and equipment | 84.00 | |
| Stationery, postage, advertising, etc. | 187.59 | |
| Public statutes and reference books | 65.18 | |
| Sundries | 25.10 | |
| | | <hr/> |
| | | \$42,991.77 |

| | | |
|---------------|--|------|
| Balance | | 8.23 |
|---------------|--|------|

\$43,000.00

RECEIPTS

| | |
|------------------------------|-------------|
| Appropriation, regular | \$43,000.00 |
|------------------------------|-------------|

EXPENDITURES

| | |
|-------------|-------------|
| Gross | \$42,991.77 |
|-------------|-------------|

RECEIPTS

| | | |
|--|-----------|-------------|
| Credit from sale of blueprints, material and maps | \$60.00 | |
| Net expenditures | 42,931.77 | |
| | | <hr/> |
| | | \$42,991.77 |

MAINTENANCE

EXPENDITURES FOR ACCOUNT OF INTERCEPTING SEWER Fiscal Year Ending November 30, 1928

| | Labor | Telephone | Coal | Electricity | Water | Supplies and Equipment | |
|--|------------|-----------|------------|-------------|---------|------------------------|-------------|
| Screen Station | \$8,534.23 | \$57.60 | \$1,173.56 | \$364.25 | \$71.10 | \$651.88 | \$10,852.62 |
| Brock Avenue Station | 3,392.38 | 56.04 | 122.50 | 3,400.18 | 27.00 | 274.17 | 7,272.27 |
| Belleville Avenue Station | 2,899.91 | 56.84 | 76.00 | 3,525.47 | 110.59 | 122.50 | 6,791.31 |
| First Street Station | 2,941.21 | | | 505.21 | 8.34 | 65.43 | 3,520.19 |
| Howard Avenue Station | 1,613.60 | 56.04 | 119.34 | 454.54 | 5.00 | 66.61 | 2,315.13 |
| Main Sewer | | | | | | 2.85 | 2.85 |
| General | 1,513.83 | | | | 110.71 | 47.10 | 1,671.64 |
| Maintenance | | 24.03 | | | | | 24.03 |
| Compensation | | | | | | | 937.92 |
| | | | | | | | 264.75 |
| Gross Expenditures | | | | | | | \$33,688.71 |
| Balance | | | | | | | 512.98 |
| | | | | | | | \$34,201.69 |
| RECEIPTS | | | | | | | |
| Appropriation, regular | | | | | | \$32,400.00 | |
| *Street Department—Labor flushing | | | | | | 140.74 | |
| **Street Department—Water flushing | | | | | | 16.32 | |
| Annual fee for Dartmouth for use of Intercepting Sewer | | | | | | 1,425.34 | |
| Annual fee for Acushnet for use of Intercepting Sewer | | | | | | 212.00 | |
| Merritt-Chapman & Scott Corp.—Water for lighter | | | | | | 7.29 | |
| Gross | | | | | | | \$34,201.69 |
| EXPENDITURES | | | | | | | |
| Flushing for Street Department—Labor and water | | | | | | | 33,688.71 |
| Fee from Dartmouth | | | | | | \$157.06 | |
| Fee from Acushnet | | | | | | 1,425.34 | |
| Merritt-Chapman & Scott Corp. | | | | | | 212.00 | |
| Net expenditures | | | | | | 7.29 | |
| | | | | | | 31,887.02 | \$33,688.71 |

The city ordinances provide that the engineering department shall perform all the engineering work required by the city at the request of the mayor, city council, or either branch thereof, or any administrative board or officer.

The following table gives a fairly accurate proportioning of the cost of the work done for the various departments of the city, based on the time expended.

The administration costs, transportation, and bills for materials cannot be accurately apportioned, but will follow very closely the ratio of labor costs as given in the table.

CLASSIFICATION OF WORK

| | | Per cent. |
|---|-------------------|--------------|
| Engineering Department | \$20,743.26* | { 52.04 |
| Intercepting sewer | 79.49 | |
| Harbor construction | 331.56 | |
| Street Department, Sewer Construction .. | 625.77 | 1.54 |
| Street Department, Street Construction .. | 7,765.30 | 19.10 |
| Assessors | 3,929.28 | 9.66 |
| City Government and Committees | 2,839.40 | 6.99 |
| Inspector of Buildings | 717.77 | 1.77 |
| Water Works | 319.09 | .78 |
| Public Service Corporations | 74.24 | .18 |
| Park Department | 36.85 | .09 |
| School Department | 147.39 | .37 |
| Cemetery Department | 64.00 | .16 |
| Inspector of Wires | 2,077.92 | 5.12 |
| Police Department | 76.47 | .18 |
| Fire Department | 23.21 | .06 |
| Superintendent of Buildings | 66.95 | .17 |
| City Clerk | 16.21 | .04 |
| City Solicitor | 41.59 | .10 |
| Planning Board | 61.65 | .16 |
| Board of Appeals | 583.25 | 1.43 |
| Board of Survey | 24.01 | .06 |
| Board of Health | 1.08 | .00 |
| | <hr/> \$40,645.74 | <hr/> 100.00 |

*Includes administration \$4,000.

The cost of all this work is paid from the appropriation made for engineering and is not charged to the various departments. By this method the entire cost of the engineering work of the city is clearly set forth in one item.

BOARD OF SURVEY.

No plans were considered by the Board of Survey this year. The present length of streets approved by the Board since its creation is 75.59 miles.

SEWERS.

This year, as in several preceding ones, there has been little demand for local sewers. The present built-up sections of the city are already well supplied with sewers wherever these can be built and provided with a suitable outlet into trunk sewers. The greatest need for sewer extension at the present time is the construction of additional main or trunk sewers through the wet, unbuilt sections north of Tarkiln Hill road which will permit the construction of lateral sewers in the built-up sections on the higher land beyond, which cannot be served at the present time.

On account of the grading of a large area at the Roosevelt Junior High School, a suitable surface water drain should be laid in Rodney street to properly provide for its drainage.

INTERCEPTING SEWER.

The operation costs of the intercepting sewer are fully set forth in the accompanying table. There have been no new additions or important changes in the system this year.

The pumps in the several stations are showing considerable wear due to the scouring action of sand in the sewage. These should be replaced as soon as possible.

The force main in Belleville avenue, consisting of 24-inch vitrified pipe laid in concrete, has proved unequal to the duty required of it. During the year this has been replaced by a 24-inch cast iron force main laid in the east gutter of Belleville avenue and we are now able to utilize all of our pumping capacity at the Belleville station.

At Coggeshall and Sawyer streets the intercepting sewer is in Front street and a large area of land lying between the interceptor and the river cannot be drained into it by gravity. This particular area, which is one of the most densely populated in the city, is also the location of several of our largest mills.

This situation causes a large dry weather flow of sewage into the river at both Sawyer and Coggeshall streets.

I feel that another pumping station, similar to that at Howard avenue, should be built near the waterfront at either Sawyer street or Coggeshall street and a force main laid to connect with the interceptor. The sewage from the present sewers in these two streets could then be removed from the river and disposed of in a proper manner.

The pumping station at Clarks Cove has reached its capacity. There are four pumps installed here, and at the time of heavy storms all are required to be in service, and if an accident should happen to any one of them at such a time, serious results would follow. Any addition to the pumping equipment would require an addition to the station.

The following is a list of employees of this department during the year 1928:

Assistant Engineers:

Leonard J. Hathaway, Jr.
Ira M. Chace, Jr.

Field Force:

Milton E. Ashley
Robert S. Baylies
Milton H. Dean
Elmer L. Deane
Fred H. Hewitt
James S. McQuade

ENGINEER'S REPORT

Edward F. Mulally
Raymond L. Viereck
Wilfred T. Fahey
Hector E. Soly

Office Force :

Norman Barstow
Percy Batchelder
Paul G. Covill
Benjamin F. Howe
Edward M. Slocum
Albert Putz

Clerks :

Jessie Loughlin
Catherine C. Neville

Respectfully submitted,

GEORGE H. NYE,
City Engineer.

STREETS LAID OUT AND ACCEPTED — 1928

| STREET | LOCATION | DATE | Length and Width in feet | |
|---------------------------------------|--|------------------------------|--------------------------|------------------|
| | | | 40 | 50 |
| Chaffee St. Shaw St. Summit St. | Wildwood Rd. to Church St. Church St. to King St. Maxfield St. northerly 325 ft. | Nov. 9 Feb. 24 Oct. 26 | 324.96 | 656.89 170.34 |
| | Total | | 324.96 | 827.23 |

STREETS DISCONTINUED — 1928

| STREET | LOCATION | DATE | Length and Width | |
|------------|-----------------------------|--------|------------------|--|
| | | | 21 | |
| Copper St. | Acushnet River to Front St. | July 5 | 530 | |
| | Total | | 530 | |

Total Net Increase for Year 622.19 ft. — 0.118 Miles.

WIDENING AND ALTERATION OF LINES — 1928

| STREET | LOCATION | DATE | DESCRIPTION |
|------------------|-----------------------------|---------|-----------------------------|
| Hawes St. | N. E. Cor. Tarkiln Hill Rd. | June 14 | Corner cut off |
| Hawes St. | S. W. Cor. Tarkiln Hill Rd. | June 14 | Corner cut off |
| Lawrence St. | N. W. Cor. Tarkiln Hill Rd. | June 14 | Corner cut off |
| Lowell St. | N. W. Cor. Tarkiln Hill Rd. | June 14 | Corner cut off |
| Page St. | Allen to Bedford St. | June 30 | Widened 25 ft. on east side |
| Pleasant St. | S. E. Cor. Weld St. | Oct. 13 | Corner cut off |
| Purchase St. | S. W. Cor. Nauset St. | May 25 | Corner cut off |
| Tarkiln Hill Rd. | W. of Mary St. | June 14 | Widened on south side |

GRADE ESTABLISHED — 1928

| STREET | LOCATION | DATE | |
|---------------------------------------|--|-------------------------------|--|
| Illinois St. Jarry St. Ohio St. | Pine Grove St., easterly 200 ft. E. & W. of Pine Grove St. E. & W. of Pine Grove St. | June 30 June 30 June 30 | |

CHANGE OF GRADE — 1928

| STREET | LOCATION | DATE | |
|--|---|-------------------------------|--|
| Appleton St. Maryland St. Pine Grove St. | E. of Pine Grove St. E. of Pine Grove St. Tarkiln Hill Rd., to Appleton St. | June 30 June 30 June 30 | |

RECORD OF TIDES, 1928.

| Month | HIGH TIDES | | | LOW TIDES | | | RANGE |
|------------------|------------|---------|--------|-----------|---------|--------|---------|
| | Average | Highest | Lowest | Average | Highest | Lowest | Average |
| January | -.024 | +1.7 | -2.1 | -3.47 | -1.4 | -5.2 | 3.446 |
| February | -.222 | +3.0 | -1.6 | -4.19 | -2.8 | -5.5 | 3.971 |
| March | -.138 | +1.5 | -1.6 | -3.83 | -2.5 | -5.1 | 3.692 |
| April | -.098 | +1.6 | -1.2 | -4.10 | -2.0 | -5.3 | 4.002 |
| May | +.020 | +1.9 | -1.0 | -3.72 | -2.9 | -4.7 | 3.735 |
| June | +.032 | +1.4 | -1.2 | -3.67 | -2.9 | -4.8 | 3.702 |
| July | -.015 | +1.2 | -1.2 | -3.62 | -2.8 | -4.3 | 3.610 |
| August | +.378 | +1.4 | -0.7 | -3.39 | -2.4 | -4.3 | 3.765 |
| September | +.519 | +2.1 | -0.6 | -3.31 | -1.9 | -4.4 | 3.829 |
| October | +.361 | +2.1 | -0.8 | -3.54 | -2.3 | -4.7 | 3.901 |
| November | +.222 | +1.8 | -1.1 | -3.62 | -1.9 | -4.8 | 3.842 |
| December | -.001 | +2.5 | -1.2 | -3.79 | -2.6 | -5.3 | 3.794 |
| Average for year | +.086 | | | -3.69 | | | 3.774 |
| Extreme for year | | +3.0 | -2.1 | | -1.4 | -5.5 | |

All figures above refer to so called "Mean High Water" which is used at 0.85 feet below City Datum.

Observation for the past 32 years indicate that:

Average high water is 0.788 below City Datum.

Average low water is 4.438 below City Datum.

Average range of tide is 3.65.

METEOROLOGICAL RECORD 1928

PREPARED BY THE ENGINEERING DEPARTMENT

| MONTH | BAROMETER | | | | THERMOMETER | | | | WIND | | | | | | SKY | | Rain and Melted Snow | MONTH | | | |
|---|--------------|---------|---------|-------|------------------------------------|---------|---------|---------------------|------|----|------|------|-----|------|----------|-------|----------------------|-------|---------------|-------|-----------|
| | Monthly Mean | Maximum | Minimum | Range | Means of Daily Maximum and Minimum | Maximum | Minimum | Mean of Daily Range | Z. | F. | S.F. | N.W. | W. | N.W. | Variable | Clear | | | Partly Cloudy | | |
| JANUARY | 2995 | 3057 | 2905 | 152 | 3126 | 49 | 11 | 11.29 | 1 | 2 | 2 | | 9 | 1 | 15 | 1 | 19 | 12 | 2 | 2.98 | JANUARY |
| FEBRUARY | 3007 | 3070 | 2924 | 146 | 2898 | 50 | 5 | 12.38 | 1 | 5 | 3 | 3 | 8 | | 10 | 2 | 18 | 9 | 2 | 3.73 | FEBRUARY |
| MARCH | 2990 | 3045 | 2930 | 115 | 3503 | 57 | 19 | 11.94 | 1 | 1 | 7 | | 11 | 1 | 8 | 2 | 13 | 15 | 3 | 3.08 | MARCH |
| APRIL | 2997 | 3057 | 2939 | 118 | 4308 | 62 | 29 | 12.36 | | 4 | 1 | 1 | 10 | | 12 | 3 | 18 | 10 | 2 | 4.29 | APRIL |
| MAY | 2993 | 3036 | 2958 | 078 | 5318 | 69 | 40 | 12.87 | 1 | 9 | 6 | 1 | 8 | | 5 | 1 | 15 | 15 | 1 | 2.10 | MAY |
| JUNE | 2994 | 3014 | 2961 | 053 | 6147 | 74 | 49 | 12.47 | | 4 | 4 | 1 | 9 | | 6 | 6 | 14 | 13 | 3 | 4.92 | JUNE |
| JULY | 2998 | 3025 | 2978 | 047 | 6884 | 85 | 56 | 13.22 | | 6 | 3 | | 15 | | 6 | 1 | 19 | 8 | 4 | 4.24 | JULY |
| AUGUST | 3005 | 3036 | 2972 | 064 | 7026 | 84 | 65 | 12.71 | | 9 | 4 | 1 | 13 | | 6 | 4 | 18 | 10 | 3 | .53 | AUGUST |
| SEPTEMBER | 3007 | 3037 | 2971 | 066 | 5955 | 75 | 49 | 10.83 | 1 | 8 | | | 13 | | 6 | 2 | 21 | 7 | 2 | 4.78 | SEPTEMBER |
| OCTOBER | 3009 | 3052 | 2961 | 091 | 5215 | 73 | 28 | 12.67 | | 1 | | 2 | 14 | | 10 | 4 | 26 | 4 | 1 | 1.47 | OCTOBER |
| NOVEMBER | 3004 | 3044 | 2957 | 087 | 4210 | 59 | 21 | 10.87 | | 5 | 1 | | 8 | | 13 | 3 | 14 | 10 | 6 | 1.61 | NOVEMBER |
| DECEMBER | 3011 | 3048 | 2943 | 105 | 3579 | 51 | 21 | 9.75 | 1 | 4 | 2 | | 9 | | 14 | 1 | 21 | 10 | | 2.96 | DECEMBER |
| Means for Year Totals for Year Extremes | 3001 | | | | 4847 | | | 11.95 | 6 | 58 | 33 | 5 | 127 | 2 | 105 | 30 | 216 | 123 | 27 | 36.69 | |

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

January 24, 1929.

Received, ordered printed in the city documents, and
sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,

January 24, 1929.

Concurred.

RUTH G. HILTON,
Clerk.

RAINFALL IN NEW BEDFORD 1928

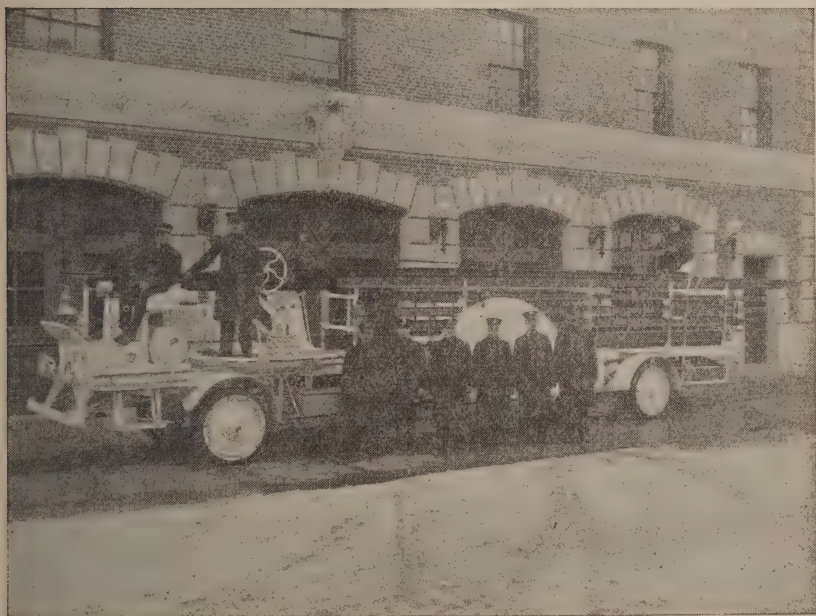
ACUSHNET STORING STATION OF N.B. WATER WORKS A TOTAL 41.55 ENGINEERING DEPT. AT CENTER OF CITY E TOTAL 36.69
L.J. HATHAWAY JR AT CLIFFORD POST OFFICE H TOTAL 44.75 PUMPING STATION AT QUITTACUS POND Q TOTAL 43.13

| | JANUARY | | | | FEBRUARY | | | | MARCH | | | | APRIL | | | | MAY | | | | JUNE | | | | JULY | | | | AUGUST | | | | SEPTEMBER | | | | OCTOBER | | | | NOVEMBER | | | | DECEMBER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | A | H | E | Q | A | H | E | Q | A | H | E | Q | A | H | E | Q | A | H | E | Q | A | H | E | Q | A | H | E | Q | A | H | E | Q | A | H | E | Q | A | H | E | Q | A | H | E | Q | A | H | E | Q | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | </ |

CITY OF NEW BEDFORD DETAILS OF SEWERS CONSTRUCTED 1928 COMPILED BY ENGINEERING DEP'T.

| STREET | LOCATION | SIZE AND MATERIAL | | | | | | | | | | Total Length | Greatest Cut | Average Cut | Ledge Cubic Yards | Total Cu.Yds. Excavation | CHARACTER OF EXCAVATION | Manholes | COST OF LABOR | Cost Labor per ft. of Length | COST OF MATERIAL | TOTAL COST OF SEWER | Total Cost per ft. of Length | DATE ORDERED | REMARKS |
|---|--|-------------------|------|------|------|-----|---------------|---------------|-----|------|-------|--------------|--------------|-------------|-------------------|--------------------------|-------------------------|------------|---------------|------------------------------|------------------|---------------------|------------------------------|----------------|----------------|
| | | VITRIFIED PIPE | | | | | 24" C.I. PIPE | 57" SEG BLOCK | | | | | | | | | | | | | | | | | |
| COMBINED SYSTEM | | 8" | 10" | 12" | 15" | 18" | | | | | | | | | | | | | | | | | | | |
| PLYMOUTH SHAWMUT AV. | From 302' W. of Rockdale Av. W. 634' | | 436 | 198 | | | | | | | 634 | 924 | 838 | | 590 | Gravel, clay | 2 | \$ 2182.65 | 3.44 | \$ 663.21 | \$ 2845.86 | 4.49 | 3-9-1928 | | |
| | From 35' N. of Pitman St. S. 395' Combined System Totals | 395 | | | | | | | | | 395 | 568 | 5.08 | | 200 | Gravel, boulders | 2 | 1048.52 | 2.65 | 450.06 | 1498.58 | 3.79 | 5-25-1928 | | |
| SEPARATE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| SURFACE DRAINS ALONE | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRURO | River Rd. easterly 143' | | | | | | | | | | | | | | | | | 288.62 | 12.24 | 201.12 | 489.74 | 6.83 | 10-14-1927 | Commenced 1927 | |
| SEWERS ALONE | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELLEVILLE AV. | Belleville Rd. to s. of Earle St. | | | | | | | | | 1678 | | 1678 | 872 | 648 | | 1650 | Sand, gravel | 4 | 7008.01 | 4.18 | 12138.95 | 19146.96 | 11.41 | 4-13-1928 | |
| SEWERS SURFACE DRAINS | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASHLEY BOUL. | Hersom to Park Av. | S.D. | - | - | 198 | - | - | - | - | - | 198 | 1147 | 1088 | | 239 | Gravel | 3 | 2894.56 | 14.62 | 928.35 | 3822.91 | 19.31 | 5-25-1928 | | |
| CHURCH | Tarkiln Hill Rd. to N. of Lynn St. | S.D. | 750 | 936 | 280 | - | - | - | - | - | 1966 | 983 | 795 | | 1736 | Gravel, boulders | 5 | 5702.15 | 2.90 | 3578.96 | 9281.11 | 4.72 | 3-9-1928 | | |
| OLIVER AND TARKILN HILL | Brockton to Tarkiln Hill to Church | S.D. | 1016 | 274 | - | - | - | - | - | - | 1290 | 983 | 787 | | 1128 | Gravel, boulders | 3 | 4190.36 | 3.25 | 1987.28 | 6177.64 | 4.79 | 5-25-1928 | | |
| TARKILN HILL RD. | Ashley Boul. to Hawes St. | S.D. | - | 512 | - | - | - | - | - | - | 512 | 957 | 761 | | 700 | Gravel | 3 | 2344.97 | 2.79 | 857.03 | 3202.00 | 3.80 | 5-25-1928 | | |
| TARKILN HILL RD. | Oliver St. easterly 365' | S.D. | - | 393 | - | - | - | - | - | - | 393 | 1003 | 956 | | 348 | Gravel | 1 | 1701.71 | 4.33 | 493.33 | 2195.04 | 5.59 | 10-26-1928 | | |
| TARKILN HILL SYSTEM | 3 rd Sect. A* Jarry and Pine Grove | S.D. | 220 | 228 | - | - | 358 | - | - | - | 806 | 794 | 17.26 | 11.87 | 35 | 3931 | Gravel | 4 | 11635.84 | 14.80 | 2660.73 | 14296.57 | 23.90 | 8-27-1925 | Commenced 1927 |
| Separate System Totals | | | 1996 | 5160 | 1350 | 670 | 757 | 1678 | 336 | | 11937 | | | | 35 | 9732 | | 23 | \$ 35766.22 | | \$ 2284.575 | \$ 58611.97 | | | |
| GRAND SYSTEM TOTALS | | | 2381 | 5996 | 1548 | 670 | 757 | 1678 | 336 | | 12966 | | | | 35 | 10522 | | 27 | \$ 38997.39 | | \$ 23959.02 | \$ 62956.41 | | | |
| Length add to sewer system 12966 feet = 2.45 miles. Total Length sewer system 181.48 miles. Total Cost sewer system \$ 5,208,946.21 | | | | | | | | | | | | | | | | | | | | | | | | | |

ANNUAL REPORT
OF THE
CHIEF
OF THE
FIRE DEPARTMENT



FOR THE YEAR ENDING, DECEMBER 31, 1928

EDWARD F. DAHILL, Chief of Department

EXECUTIVE HEAD OF THE FIRE DEPARTMENT.

HON. CHARLES S. ASHLEY, Mayor.

COMMITTEE OF THE CITY COUNCIL
ON
FIRE DEPARTMENT

ALDERMEN,
JOHN CATTERALL
THOMAS H. MARGESON

COUNCILMEN,
JAMES CRAVEN
JOHN T. WILKINSON
GEORGE W. MAHON

CHIEF OF DEPARTMENT,
EDWARD F. DAHILL,
Office, Station No. 2.

DEPUTY CHIEF,
JAMES J. DONAGHY,
Headquarters, Station No. 2.
FIRST DISTRICT CHIEF,
FREDERICK E. RICKETSON
Headquarters, Station No. 2.

SECOND DISTRICT CHIEF,
AMBROSE F. MERCHANT
Headquarters, Station No. 10.

THIRD DISTRICT CHIEF,
MILES L. FAY
Headquarters, Station No. 4.

CLERK,
FRANCIS T. MACEDO,
Office, Station No. 2.

CHIEF INSPECTOR,
FREDERICK G. GIFFORD,
Office, Station No. 2.

CHIEF'S CHAUFFEUR
FRANCIS J. KENNEDY

CAPTAINS IN CHARGE OF STATIONS

REPAIR SHOP, STATION NO. ONE,
JAMES H. DOWNEY, Master Mechanic,
Appointed December 31, 1919.

HEADQUARTERS, STATION NUMBER TWO,
ROBERT E. ALLEN, Assistant Superintendent,
Appointed June 9, 1918.

STATION NUMBER TWO,
WILLIAM N. WHELAN,
Appointed July 8, 1924.

STATION NUMBER THREE,
JAMES H. MAHONEY,
Appointed December 31, 1914.

STATION NUMBER FOUR,
WILLIAM S. GATENBY,
Appointed, April 10, 1927.

STATION NUMBER FIVE,
JAMES L. HASKINS,
Appointed July 8, 1924.

STATION NUMBER SIX,
CHARLES E. GREENE,
Appointed April 10, 1927.

STATION NUMBER SEVEN,
EDWARD H. COGGESHALL,
Appointed April 26, 1910.

STATION NUMBER EIGHT,
EDWARD A. POLLOCK,
Appointed March 21, 1923.

STATION NUMBER NINE,
REUBEN TABER,
Appointed November 25, 1917.

STATION NUMBER TEN,
FRANK J. NICKLAS,
Appointed February 19, 1924.

STATION NUMBER ELEVEN,
ALBERT P. BOCHMAN
Appointed September 2, 1928,

ASSISTANT SUPERINTENDENT FIRE ALARM,
ROBERT E. ALLEN,
Appointed March 26, 1913.

FIRE ALARM AND TELEPHONE OPERATORS,
LIEUT. JAMES T. WING,
Appointed December 31, 1914.

LIEUT. WILLIAM D. FLAGG,
Appointed December 31, 1919.

LIEUT. THOMAS R. F. WHOLLEY,
Appointed June 15, 1924.

LIEUT. ELMER H. JAMES,
Appointed December 7, 1927.

MILTON A. BAYLIES,
Appointed November 21, 1921.

DEPARTMENT MECHANICS,
GEORGE H. BAYLIES,
Appointed March 13, 1910.

PHILIP J. PREVOST,
Appointed December 31, 1919.

BATTERY MAN,
RAIMUND F. O'BRIEN,
Appointed December 3, 1920.

DEPARTMENT LINEMAN,
THOMAS J. McCANN,
Appointed June 21, 1922.

PENSION ROLL.

EDWARD F. A. COWEN, hoseman Engine Co. No. 1, joined the department October 31, 1882, placed on pension roll Sept. 2, 1917.
JOHN H. BACKUS, department mechanic, joined the department June 9, 1894, placed on pension roll October 19, 1919.
DAVID A. COBB, seriously injured May 27, 1915.
GEORGE H. COOK, captain of Hose Co. No. 2, joined the department March 5, 1884, placed on pension roll Jan. 1, 1923.
ISAAC R. ALLEN, Tillerman Truck Co. No. 1, joined the department Feb. 13, 1895, placed on pension roll March 17, 1922.
MANUEL A. MENDOZA, Hoseman. Hose Co. No. 4, joined the department Nov. 26, 1922, placed on pension roll Mar. 1, 1926.
GEORGE S. ALLEN, Ladderman, Truck Co. No. 1, joined the department Dec. 5, 1887, placed on pension roll Feb. 6, 1927.
FRANK A. LEWIS, Captain, Hose Co. No. 4, joined the department Nov. 14, 1894, placed on pension roll Sept. 2, 1928.

REPORT

December 31, 1928.

Hon. Charles S. Ashley, Mayor.

Dear Sir:—

I have the honor to submit, herewith, my twenty-fifth annual report of the conditions and operation of the fire department for the year 1928.

The department answered 274 Box alarms and 470 Still or Telephone alarms, a total of 744 calls during the year.

There are eleven Stations (ten brick and one frame) in the custody of this department.

The apparatus is in good condition and consists of the following:

APPARATUS IN COMMISSION.

- 8 Motor Pumping Engines.
- 4 Electrical Aerial Trucks.
- 1 City Service Truck.
- 2 Combination Chemical and Hose Carriers.
- 1 Hose Wagon with Booster equipment.
- 1 Foam Chemical.
- 5 Automobiles for Chief and Assistants.
- 1 Automobile for Fire Prevention Bureau.
- 2 Supply Trucks for Repair Force.
- 1 Supply Truck for Fire Alarm Branch.

APPARATUS IN RESERVE.

- 1 Motor Combination Pumping Engine.
- 1 Motor Combination Chemical and Hose Carrier.
- 3 Steam Fire Engines equipped with short towing poles.

MANUAL FORCE.

Consists of 218 permanent men.

HOSE.

- 1,900 feet of 3 inch hose.
- 19,350 feet of 2½ inch hose.
- 600 feet of 1 inch hose.
- 1,100 feet of ¾ inch hose.
- 81 waterproof covers are carried on apparatus.

DEATHS.

Pensioner, Charles W. Allen, born 1856, joined the department, April 25, 1892, placed on pension roll, Aug. 16, 1917, died Jan. 7, 1928.

Fireman, John K. Dwyer, born Mar. 6, 1888, joined the department, Nov. 27, 1917: died Feb. 5, 1928.

FATALITIES.

Antone Soares, 52 years old and confined to his bed in a rheumatic condition at 205 So. Water St. was burned to death Feb. 6, 1928, at 10.02 A. M. He had evidently been smoking in bed.

Respectfully submitted,

EDWARD F. DAHILL,

EFD/FTM

Chief of Department.

FIRE DEPARTMENT

7 L

FINANCIAL STATEMENT.

Dr.

| | | |
|---------------------|--------------|--------------|
| Appropriation | \$517,000.00 | |
| Receipts | 249.50 | |
| | <hr/> | \$517,249.50 |

Cr.

| | | |
|---|------------|--------------|
| Salaries and payrolls | | \$467,241.20 |
| Motor Equipment: | | |
| Repairs | \$2,807.15 | |
| Gasoline, oil and supplies | 1,987.85 | |
| Electric truck and battery charging | 301.91 | |
| New apparatus | 12,000.00 | |
| | <hr/> | \$17,096.91 |

Fuel and Light:

| | | |
|-------------|------------|------------|
| Fuel | \$6,150.35 | |
| Light | 2,582.61 | |
| | <hr/> | \$8,732.96 |

Other Equipment:

| | | |
|--------------------------|----------|------------|
| Repairs | \$84.57 | |
| Hose and couplings | 1,783.57 | |
| Fire alarm | 3,238.78 | |
| Supplies | 254.91 | |
| | <hr/> | \$5,361.83 |

Maintenance of Buildings and Grounds:

| | | |
|---------------------------------|------------|------------|
| Repairs | \$2,590.26 | |
| Furniture and furnishings | 788.24 | |
| Janitor supplies | 1,150.39 | |
| Water | 507.83 | |
| | <hr/> | \$5,036.72 |

Other Expenses:

| | | |
|-------------------------------------|----------|------------|
| Printing, postage and stationery .. | \$497.42 | |
| Telephone | 1,071.49 | |
| Freight and carting | 43.10 | |
| Medical and hospital fees | 654.14 | |
| All other | 171.19 | |
| | <hr/> | \$2,437.34 |

| | | |
|---|--------------|--------------|
| Total expenditures | \$505,906.96 | |
| Transferred to Department of Public Welfare.. | 10,000.00 | |
| Transfer to balance | 1,342.54 | |
| | <hr/> | \$517,249.50 |

REPORT OF ALARMS, LOSSES AND INSURANCE FOR THE YEAR 1928.

| Month | —Alarms— | | —Damage— | | —Insurance— | |
|-----------|----------|-------|--------------|--------------|----------------|-----------------|
| | Box | Still | Buildings | Contents | Buildings | Contents |
| January | 35 | 57 | \$111,287.96 | \$64,086.04 | \$271,528.00 | \$95,150.00 |
| February | 24 | 42 | 6,009.46 | 6,179.08 | 85,665.55 | 15,500.00 |
| March | 22 | 49 | 6,485.20 | 3,497.70 | 51,000.00 | 2,511,600.00 |
| April | 25 | 53 | 5,932.00 | 9,870.85 | 98,250.00 | 22,800.00 |
| May | 24 | 27 | 3,517.32 | 5,516.58 | 151,150.00 | 4,073,100.00 |
| June | 13 | 36 | 4,069.50 | 2,520.00 | 58,025.00 | 11,500.00 |
| July | 29 | 29 | 2,569.80 | 1,455.50 | 115,200.00 | 1,541,500.00 |
| August | 15 | 18 | 467.20 | 600.00 | 43,185.47 | 5,400.00 |
| September | 20 | 22 | 3,461.75 | 1,463.50 | 99,118.00 | 17,450.00 |
| October | 23 | 39 | 4,393.30 | 2,094.75 | 109,050.00 | 15,350.00 |
| November | 24 | 44 | 5,083.30 | 5,448.58 | 143,000.00 | 6,044,000.00 |
| December | 20 | 54 | 3,647.41 | 2,725.09 | 167,273.00 | 56,750.00 |
| | 274 | 470 | \$156,924.20 | \$105,457.67 | \$1,392,445.02 | \$14,410,100.00 |

Above contents insurance reported includes blanket policies covering buildings and contents to the amount of \$14,017,000.00.

Total reported loss.....\$ 262,381.87
 Total reported insurance.....\$15,802,545.02

NO SIGNAL FIRES

Number of fires reported.....6
 Damages to buildings.....none
 Damages to contents.....\$1,798.59
 Total reported damage.....\$1,798.59

CAUSES FOR FIRES AND ALARMS

| | |
|--|----|
| Accidental alarms' | 3 |
| Alcohol carelessness | 1 |
| Ammonia leak | 1 |
| Back draft | 11 |
| Back-fire | 7 |
| Blow torch carelessness | 2 |
| Bonfire | 1 |
| Burning bedding | 1 |
| Burning brush | 43 |
| Burning dump | 26 |
| Burning food | 10 |
| Burning grass | 70 |
| Burning grease | 14 |
| Burning rubbish | 23 |
| Burning soot | 52 |
| Canvas cover placed on hot motor, ignited | 1 |
| Careless use of gas | 1 |
| Careless use of stovepolish | 2 |
| Careless smoker | 11 |
| Child and match | 21 |
| Cigarette | 33 |
| Clothes dropped on hot stove | 1 |
| Clothes too near hot water tank | 1 |
| Defective chimney | 7 |
| Defective fireplace | 3 |
| Defective gas pipe | 1 |
| Defective muffler | 1 |
| Defective oil stove | 4 |
| Defective oil burner | 3 |
| Defective stove pipe | 1 |
| Defective wiring | 7 |
| Drying plaster | 1 |
| Electric flatiron | 5 |
| Error in alarm | 1 |
| Explosion of coal gas | 1 |
| Exposure fires | 7 |
| False alarms | 47 |
| Faulty ignition | 1 |
| Fireworks | 9 |
| Foreign substance in blower pipe | 1 |
| Friction in belt | 1 |
| Friction in gears | 1 |
| Friction in pulley | 2 |
| Friction on tire by broken spring | 1 |
| Frictional electricity | 3 |
| Gasoline carelessness | 11 |
| Hot ashes in contact with wood or paper | 15 |
| Leaky carburetor | 1 |
| Match carelessness | 15 |
| Needless alarm | 3 |

CAUSES FOR FIRES AND ALARMS—Cont.

| | |
|------------------------------------|----|
| No fire found | 30 |
| Oily rags left on steam pipe | 1 |
| Oil stove exploded | 2 |
| Overheated brake bands | 1 |
| Overheated chimney | 11 |
| Overheated exhaust pipe | 3 |
| Overheated furnace | 5 |
| Overheated gas heater | 3 |
| Overheated hot water heater | 1 |
| Overheated oil | 1 |
| Overheated oil stove | 3 |
| Overheated steam boiler | 1 |
| Overheated stove | 3 |
| Overheated stovepipe | 4 |
| Petroleum carelessness | 3 |
| Remaining embers | 12 |
| Short circuit | 40 |
| Smokepipe too near woodwork | 2 |
| Sparks from chimney | 18 |
| Sparks from fireplace | 1 |
| Sparks from motor | 1 |
| Sparks from picker machine | 1 |
| Sparks from stove | 2 |
| Sparks on roof | 3 |
| Sprinkler trouble | 8 |
| Spontaneous combustion | 9 |
| Suicide by gas | 1 |
| Thawing water pipes | 5 |
| Unknown | 72 |
| Unusual smoke | 6 |
| Wax boiled over | 3 |
| Out of city: Dartmouth | 4 |
| Fall River | 2 |
| Ft. Rodman | 1 |
| Sconticut Neck | 1 |

FIRE DEPARTMENT

11 L

ENGINE COMPANY No. 1.

| Date of Joining Dept. | No. of Badge | Name | Rank |
|-----------------------------|--------------|--------------------|------------|
| April 24, 1893 | 10 | James L. Haskins | Captain |
| Nov. 25, 1917 | 8 | Ephraim L. Studley | Lieutenant |
| Aug. 3, 1903 | 15 | George H. Denham | Chauffeur |
| Nov. 25, 1917 | 6 | Ernest Lord | " |
| Dec. 15, 1912 | 7 | George T. Davis | Hoseman |
| Sept. 2, 1917 | 13 | Thomas F. McCauley | " |
| Jan. 12, 1892 | 11 | George W. Haskins | " |
| Dec. 1, 1917 | 14 | Joseph Francis | " |
| Jan. 1, 1923 | 12 | James F. Cairns | " |
| June 30, 1918 | 16 | William F. Mannion | " |
| Feb. 2, 1920 | 4 | Joseph A. McAvoy | " |
| Feb. 2, 1920 | 9 | Albert L. Audette | " |

ENGINE COMPANY No. 2.

| Date of Joining Dept. | No. of Badge | Name | Rank |
|-----------------------------|--------------|----------------------|------------|
| Nov. 1, 1910 | 21 | John H. McDonald | Captain |
| Feb. 2, 1920 | 28 | Harmidas J. Roberts | Lieutenant |
| Mar. 10, 1884 | 23 | Benj. C. Groves | Chauffeur |
| June 2, 1918 | 24 | Edmund Roberts, Jr. | " |
| Dec. 7, 1917 | 29 | William P. Robert | Hoseman |
| Feb. 2, 1920 | 26 | William E. Blanchard | " |
| Feb. 2, 1920 | 17 | George F. Gleason | " |
| Feb. 2, 1920 | 20 | Daniel J. Tarpey | " |
| Nov. 23, 1920 | 27 | Joseph Robinson | " |
| May 1, 1921 | 19 | William Clarkson | " |
| Nov. 15, 1925 | 25 | Hubert C. Brown | " |
| April 13, 1927 | 22 | Stephen Lehman | " |

ENGINE COMPANY No. 3.

| Date of Joining Dept. | No. of Badge | Name | Rank |
|-----------------------------|--------------|-----------------------|------------|
| May 1, 1896 | 31 | James H. Mahoney | Captain |
| Nov. 21, 1913 | 32 | Charles J. Calnan | Lieutenant |
| April 28, 1892 | 33 | William R. Moore | Chauffeur |
| Feb. 11, 1908 | 35 | John Sylvia | " |
| July 11, 1904 | 37 | Frank R. Riley | Hoseman |
| May 12, 1909 | 38 | Thomas F. Breakell | " |
| Feb. 2, 1920 | 40 | Benoni T. Sweet | " |
| Feb. 2, 1920 | 39 | Louis E. Blossom | " |
| Jan. 1, 1895 | 36 | Edward C. Neagus, Jr. | " |
| Feb. 2, 1920 | 41 | George H. Spooner | " |
| Dec. 18, 1894 | 42 | John T. Conway | " |
| June 1, 1925 | 34 | Eric Henthorn | " |

ENGINE COMPANY No. 4.

| Date of Joining Dept. | No. of Badge | Name | Rank |
|-----------------------------|--------------|----------------------|------------|
| May 1, 1910 | 44 | William S. Gatenby | Captain |
| Dec. 30, 1895 | 51 | John E. Joseph | Lieutenant |
| Nov. 25, 1917 | 59 | Manuel M. Alves, Jr. | Chauffeur |
| Sept. 8, 1920 | 52 | John J. O'Brien | " |
| May 28, 1894 | 45 | Louis A. Viereck | Hoseman |
| Oct. 19, 1908 | 57 | Edward F. Wood | " |
| Feb. 2, 1920 | 47 | Philias J. Chartier | " |
| Oct. 7, 1913 | 43 | Joseph E. Freitas | " |
| Aug. 13, 1922 | 46 | Joseph A. Walker | " |
| Dec. 9, 1917 | 55 | Thomas McCue | " |
| Sept. 7, 1917 | 54 | Frank E. Souza | " |
| Mar. 23, 1923 | 48 | Joseph C. Vincent | " |
| Feb. 2, 1920 | 49 | James V. Brennan | " |
| Oct. 12, 1924 | 56 | Edward Dupuis | " |

FIRE DEPARTMENT

13 L

ENGINE COMPANY No. 6

| Date of Joining Dept. | No. of Badge | Name | Rank |
|-----------------------------|--------------|---------------------|------------|
| Sept. 6, 1917 | 138 | Joseph Rumney | Captain |
| May 21, 1911 | 131 | John E. McDonald | Lieutenant |
| Oct. 26, 1903 | 136 | Frank H. Vincent | Chauffeur |
| Sept. 11, 1906 | 134 | Henry L. Burding | " |
| Jan. 1, 1895 | 124 | George H. Whelan | Hoseman |
| Oct. 19, 1908 | 132 | John McQuilken, Jr. | " |
| Nov. 1, 1910 | 123 | Thomas Wooley, Jr. | " |
| Aug. 1, 1917 | 125 | Daniel O'Neil | " |
| Feb. 2, 1920 | 126 | Anthony V. Gracia | " |
| Feb. 2, 1920 | 128 | Joseph Campos | " |
| Feb. 2, 1920 | 129 | Lawrence F. Cocking | " |
| Feb. 2, 1920 | 127 | Philip Kilbride | " |

ENGINE COMPANY No. 7.

| Date of Joining Dept. | No. of Badge | Name | Rank. |
|-----------------------------|--------------|-----------------------|------------|
| Sept. 1, 1890 | 205 | Edward H. Coggeshall | Captain |
| Dec. 1, 1917 | 215 | John C. Wing | Lieutenant |
| Mar. 12, 1891 | 212 | Joseph L. Crowley | Chauffeur |
| Jan. 27, 1918 | 211 | William J. Martin | " |
| Dec. 13, 1898 | 202 | John H. Galligan | Hoseman |
| Apr. 19, 1922 | 195 | John A. Spaulding | " |
| Feb. 2, 1920 | 198 | Michael F. Sullivan | " |
| May 2, 1918 | 201 | Alfred J. Normandin | " |
| Mar. 1, 1901 | 199 | Henry Leeming | " |
| Sept. 1, 1890 | 200 | William H. H. S. King | " |
| Feb. 2, 1920 | 204 | Joseph P. Foley | " |
| Feb. 2, 1920 | 207 | Henry F. Pykosz | " |

ENGINE COMPANY No. 9.

| Date of Joining Dept. | No. of Badge | Name | Rank |
|-----------------------------|--------------|--------------------|------------|
| Dec. 13, 1888 | 146 | Reuben Taber | Captain |
| Dec. 15, 1912 | 148 | Michael J. Melia | Lieutenant |
| June 1, 1907 | 150 | Horace A. Bird | Chauffeur |
| Sept. 30, 1917 | 157 | Manuel C. Claudino | " |
| Dec. 6, 1886 | 145 | John F. Parker | Hoseman |
| Nov. 25, 1917 | 149 | Walter H. Hawes | " |
| Dec. 13, 1917 | 159 | William A. Nelson | " |
| Dec. 1, 1917 | 156 | Stephen F. Miller | " |
| Feb. 2, 1920 | 152 | Louis J. R. Comeau | " |
| Feb. 2, 1920 | 155 | Arthur J. Gallant | " |
| Feb. 2, 1920 | 151 | Gilbert Green | " |
| Feb. 2, 1920 | 154 | John Murphy | " |

ENGINE COMPANY No. 10.

| Date of Joining Dept. | No. of Badge | Name | Rank |
|-----------------------------|--------------|---------------------|------------|
| May 9, 1905 | 240 | Edward J. Bly | Captain |
| Oct. 19, 1908 | 242 | William F. McDonald | Lieutenant |
| Dec. 2, 1917 | 246 | Alexander Strack | Chauffeur |
| Nov. 27, 1917 | 248 | Henry Hesford, Jr. | " |
| Nov. 23, 1913 | 249 | Thomas J. Summers | Hoseman |
| July 17, 1918 | 243 | William H. Green | " |
| Feb. 2, 1920 | 241 | James W. Coyne | " |
| Feb. 2, 1920 | 244 | Thomas A. Bond | " |
| Feb. 2, 1920 | 251 | Edgar J. Ross | " |
| Feb. 2, 1920 | 252 | Albert J. Abrain | " |
| Feb. 2, 1920 | 254 | George D. Daudelin | " |
| Feb. 2, 1920 | 247 | Arthur E. Dudevoir | " |
| Sept. 24, 1922 | 245 | Albert Schoene | " |
| Oct. 7, 1923 | 250 | John B. Jennings | " |

FIRE DEPARTMENT

15 L

HOSE COMPANY No. 1

| Date of Joining Dept. | No. of Badge | Name | Rank |
|-----------------------------|--------------|--------------------|------------|
| May 9, 1916 | 85 | Albert Wooley | Captain |
| May 1, 1921 | 83 | Herbert H. Stone | Lieutenant |
| Nov. 30, 1919 | 80 | Peter J. Cournoyer | Chauffeur |
| Feb. 2, 1920 | 86 | Louis A. Cotnoir | " |
| May 1, 1921 | 88 | Arthur W. Raymond | Hoseman |
| Feb. 2, 1920 | 87 | Frederick Wignall | " |
| May 1, 1921 | 84 | James P. Quinn | " |
| July 20, 1924 | 79 | Milton C. Andrews | " |
| Mar. 21, 1926 | 81 | Samuel Shorrock | " |
| Feb. 16, 1928 | 82 | Henry J. Fisher | " |

HOSE COMPANY No. 2.

| Date of Joining Dept. | No. of Badge | Name | Rank |
|-----------------------------|--------------|-----------------------|------------|
| July 13, 1908 | 185 | Edward A. Pollock | Captain |
| Sept. 16, 1917 | 191 | John Hubbard | Lieutenant |
| Oct. 1, 1917 | 192 | Joseph G. E. Bessette | Chauffeur |
| Nov. 25, 1917 | 187 | Charles A. Vail | " |
| Feb. 2, 1920 | 194 | Sam Julio | Hoseman |
| May 1, 1921 | 186 | Laurence J. O'Connor | " |
| Feb. 2, 1920 | 193 | Godias J. Boucher | " |
| May 1, 1921 | 189 | George Klemm | " |
| May 1, 1921 | 190 | Edward Marsh | " |
| Mar. 18, 1923 | 188 | William P. Taylor | " |

HOSE COMPANY No. 4.

| Date of Joining Dept. | No. of Badge | Name | Rank |
|-----------------------------|--------------|----------------------|------------|
| Nov. 25, 1917 | 270 | Albert P. Bochman | Captain |
| Aug 11, 1908 | 271 | James Sanderson, Jr. | Lieutenant |
| July 17, 1918 | 267 | Walter Earnshaw | Chauffeur |
| Sept. 8, 1908 | 274 | Allan L. Phillips | " |
| Jan. 4, 1900 | 275 | Richard F. Burke | Hoseman |
| July 17, 1918 | 272 | Robert Cocking | " |
| Feb. 2, 1920 | 273 | Francis M. Dowd | " |
| Feb. 2, 1920 | 265 | James T. O'Brien | " |
| Feb. 2, 1920 | 268 | Frank Cheetham | " |
| Jan. 1, 1923 | 276 | Thomas Spence | " |

FOAM CHEMICAL COMPANY, No. 5

| Date of Joining Dept. | No. of Badge | Name | Rank |
|-----------------------------|--------------|---------------------------|-----------|
| Nov. 25, 1917 | 18 | Nathaniel H. Caswell, Jr. | Chauffeur |
| July 9, 1920 | 30 | Walter E. Cobb | " |
| Nov. 25, 1917 | 60 | Manuel G. Marshall | Hoseman |
| Feb. 2, 1920 | 5 | Joseph W. Lajeunesse | " |
| Dec. 31, 1928 | 3 | Theodore J. Schoene | " |

FIRE DEPARTMENT

17 L

LADDER COMPANY No. 1.

| Date of Joining Dept. | No. of Badge | Name | Rank |
|-----------------------------|--------------|----------------------|------------|
| Aug. 29, 1904 | 92 | William N. Whelan | Captain |
| July 1, 1896 | 95 | William L. Durfee | Lieutenant |
| July 4, 1920 | 104 | Fred Clarkson | Chauffeur |
| May 1, 1910 | 97 | Norman S. Dyer | " |
| Feb. 2, 1920 | 103 | Joseph DeTerra | Tillerman |
| Feb. 2, 1920 | 99 | Thomas W. Bell | " |
| Oct. 7, 1918 | 101 | Edward J. Regan | Ladderman |
| Feb. 2, 1920 | 96 | John T. King | " |
| April 22, 1896 | 105 | Charles E. Robertson | " |
| Mar. 18, 1923 | 107 | John J. Brennan | " |
| April 2, 1922 | 100 | Joseph Miler | " |
| July 20, 1925 | 106 | Boleslaw Antoniewicz | " |
| Feb. 15, 1927 | 98 | Alphonse Picard | " |

LADDER COMPANY No. 2.

| Date of Joining Dept. | No. of Badge | Name | Rank |
|-----------------------------|--------------|----------------------|------------|
| Jan. 3, 1915 | 178 | Frank J. Nicklas | Captain |
| Oct. 1, 1895 | 176 | John E. Murphy | Lieutenant |
| July 29, 1920 | 181 | Walter C. Martin | Chauffeur |
| Mar. 1, 1892 | 173 | William Selleck | " |
| May 1, 1921 | 179 | Leo. F. McGoff | Tillerman |
| July 17, 1918 | 177 | Philip A. Rainville | " |
| Dec. 1, 1917 | 183 | Albert Berry | Ladderman |
| Feb. 2, 1920 | 171 | William Belisle | " |
| Mar. 17, 1918 | 172 | Roland H. Cobb | " |
| Feb. 2, 1920 | 180 | William W. Entwistle | " |
| May 1, 1921 | 175 | Theodore A. Cote | " |
| Aug. 13, 1922 | 182 | Leonard Mason | " |
| Mar. 18, 1923 | 174 | Patrick B. Costello | " |
| Mar. 30, 1924 | 184 | Hervey J. Laferriere | " |

LADDER COMPANY No. 3.

| Date of Joining Dept. | No. of Badge | Name | Rank |
|-----------------------------|--------------|---------------------|------------|
| Déc. 15, 1892 | 232 | Charles E. Greene | Captain |
| Mar. 7, 1911 | 233 | Arthur E. Souza | Lieutenant |
| Jan. 2, 1918 | 227 | Thomas W. Whittaker | Chauffeur |
| Nov. 26, 1917 | 234 | William Beehan | " |
| Oct. 1, 1902 | 228 | Frank T. Cooke | Tillerman |
| Jan. 7, 1917 | 230 | Alfred A. DesRoches | " |
| Nov. 25, 1917 | 224 | Thomas Collins | Ladderman |
| Feb. 2, 1920 | 226 | Arthur Harwood | " |
| Feb. 2, 1920 | 219 | Peter J. Brennan | " |
| Feb. 2, 1920 | 220 | Richard Pinnington | " |
| Feb. 2, 1920 | 221 | George Sherratt | " |
| Feb. 3, 1920 | 218 | Thomas F. Flood | " |
| Sept. 6, 1920 | 231 | Frank C. Corre | " |
| July 11, 1926 | 222 | Arthur Millette | " |

LADDER COMPANY No. 4.

| Date of Joining Dept. | No. of Badge | Name | Rank |
|-----------------------------|--------------|-----------------------|------------|
| Oct. 23, 1903 | 280 | Frank N. Cleveland | Captain |
| Oct. 14, 1915 | 288 | Percy Shepherd | Lieutenant |
| Dec. 7, 1919 | 286 | William A. Lenhart | Chauffeur |
| Dec. 2, 1917 | 283 | Irving W. Nelson | " |
| Dec. 1, 1917 | 282 | Edward McKay | Tillerman |
| Nov. 7, 1918 | 287 | Joseph E. Pidgeon | " |
| Oct. 19, 1908 | 285 | William J. Gibbs, Jr. | Ladderman |
| Feb. 3, 1920 | 284 | Frederick Walker | " |
| Feb. 2, 1920 | 289 | Albert Voisine | " |
| Apr. 12, 1921 | 158 | Joseph Carter | " |
| May 1, 1921 | 291 | John E. Rebello | " |
| Dec. 18, 1921 | 290 | Thomas E. Lundy | " |
| Dec. 27, 1921 | 293 | Ernest J. Dearden | " |

FIRE DEPARTMENT

19 L

LADDER COMPANY No. 5.

| Date of Joining Dept. | No. of badge | Name | Rank |
|-----------------------------|--------------|-------------------------|------------|
| Dec. 31, 1888 | 70 | Thomas H. Forbes | Captain |
| Jan. 8, 1907 | 75 | Ernest G. S. Teachman | Lieutenant |
| Oct. 23, 1906 | 71 | James S. Cooke | Chauffeur |
| Feb. 3, 1902 | 72 | Charles H. Lawrence | " |
| Sept. 1, 1892 | 77 | Charles A. Haskins | Ladderman |
| May 9, 1905 | 69 | Joseph A. Mahoney | " |
| May 1, 1918 | 67 | Lawrence J. Boland | " |
| Feb. 2, 1920 | 68 | Robert J. Sullivan, Jr. | " |
| May 1, 1921 | 73 | Charles J. McKenna | " |
| April 2, 1918 | 74 | John F. Maguire | " |

THE NEW BEDFORD PROTECTING SOCIETY

1928.

PRESIDENT :

JOSEPH F. CORNWELL

DIRECTORS.

| | |
|-----------------------|---------------------|
| HENRY S. HUTCHINSON | ERNEST H. BOUCHER |
| CHARLES S. BAYLIES | GEORGE I. MACY |
| F. OSCAR COVILL | FREDERICK B. MACY |
| FRANK P. R. PATTERSON | WILLIAM C. PHILLIPS |

SECRETARY AND TREASURER :

GEORGE P. HURLL

George H. H. Allen
 Merrill D. Anthony
 John K. Blair
 George Bonneau
 Zoel C. Boucher
 William S. Bourne
 Harry C. Brightman
 Arthur T. Brooks
 Andrew J. Brooks
 Frederic T. Browne
 Frederic T. Browne, Jr.
 T. Harold Burke
 Everett B. Case
 Laurance D. Chapman
 Chester W. Chase
 I. H. Coe, Jr.
 Otis P. Cook
 William C. Dawe
 Arthur D. Delano
 Benjamin T. Dobson
 Edward J. Donaghy
 Otis N. Dunham
 Wellington A. Francis
 Samuel E. Gabriel
 Henry Howard, Jr.
 Charles S. Kelley, Jr.
 Metcalf Kingman
 Henry S. Knowles
 John M. Lancaster
 Harry C. Lawton
 Herbert Macy
 J. Roland Macy

Henry J. Makin
 P. N. Manchester
 Hyman Mendelson
 Edward A. Oesting
 Stephen D. Peirce
 Samuel H. Perry
 George W. Peterson
 Charles R. Phillips
 Aime J. Poirier
 William F. Potter
 Joseph M. Read
 W. Kempton Read
 Chester P. Rexford
 William A. Robinson, Jr.
 Charles A. Russell
 Arthur Sharples
 Charles S. Sharples
 G. W. Simmonds
 Nat. C. Smith
 George A. St. Germain
 Martin H. Sullivan
 Horace W. Swift
 Frederic H. Taber
 William T. Taylor
 Clifton P. Tuell
 Walter J. Thorpe
 James A. Webber
 Thomas W. Williams
 T. Wilson Williamson
 Henry S. Winslow
 David S. Wood

FIRE ALARM TELEGRAPH

SUPERINTENDENT

EDWARD F. DAHILL, Chief of Department.

Assistant Superintendent

ROBERT E. ALLEN

LOCATION OF SIGNAL BOXES.

PRIVATE BOXES**1**

112 Pairpoint Corp.
 113 Quissett Mill
 114 City Mills
 115 Potomska Mills
 116 Acushnet Mills
 117 Hathaway Mills
 118 Dartmouth Mills
 12 Butler Mill
 122 Holmes Mill
 124 Booth Mill
 125 Kilburn Mill
 13 Page Mill
 131 Gosnold Mill
 132 Fisk Rubber Co., Orchard st
 133 Devon Mill, Orchard st
 134 Fisk Rubber Co., Bolton st
 135 Sharp Mills
 14 Morse T. D. & M. Co.
 141 Frank L. Young Co.
 142 N. B. Gas & E. Light Co., Water st
 143 N. E. Steamship Co.
 145 U. S. Ry. Co., Power House
 146 U. S. Ry. Co., Popes Island
 147 Terminal Warehouse, Front st
 148 J. C. Rhodes & Co.
 149 State Pier
 15 N. B. Cordage Co.
 16 St. Luke's Hospital, Allen st
 19 Acushnet Park

2

21 E. E. Taylor Shoe Co.
 211 N. B. Spinning Co.
 212 Wamsutta Mills
 213 Grinnell Mills
 214 Bristol Mill
 215 Fairhaven Mills, Coggeshall st
 216 Pierce Mill, Belleville av & Sawyer
 2161 Pierce Mill, foot of Dean st
 217 Fairhaven Mills, Sawyer st
 218 Soule Mill
 221 Whitman Mills
 223 Manomet Mill No. 1 ft Hathaway
 2231 Manomet Mill No. 2, ft Nash rd

224 Nashawena Mills A, Belleville av and
 Belleville rd
 2241 Nashawena Mills A, Belleville av and
 Hatch st
 2242 Nashawena Mills A, Conduit st, ft. Cen-
 tral av
 225 Nonquitt Mill No. 1, ft Covell st
 2251 Nonquitt Mill No. 2, ft Covell st
 226 Nashawena Mills B, ft. Ingraham st
 2261 Nashawena Mills, B, ft. Ingraham
 229 Allen Co., River rd
 231 Pierce Bros. Ltd. Mill
 232 Taber Mill
 233 N. B. Cotton Mills
 234 Beacon Mills
 235 National Spun Silk Co.
 24 U. S. Ry Co., Weld st
 241 Snell & Simpson
 242 Smith Bros. Brewery
 243 N. B. Warehouse, Sawyer st
 244 Dawson's Brewery
 245 Union Warehouse, Nash Road
 246 Belleville Warehouse
 247 N. B. Cotton Waste Co.
 25 N. E. Oil Refining Co.
 251 Taunton-N. B. Copper Co.
 252 Z. B. Davis Corp.
 253 Freight House, Pearl st
 254 Freight House, Willis st
 255 Railroad Engine House
 256 Hill & Cutler Co.
 257 Wamsutta Sheeting Factory
 259 J. Rubin & Sons, 223 No. Second st
 26 Neild Mill
 261 Manomet Mill No. 4 King st
 28 Continental Wood Screw Co.
 281 Nauset Warehouse
 282 Garbage Plant, Shawmut av,
 north from Hathaway rd
 29 Lambeth Rope Works, Tarkiln Hill rd
 291 J. I. Paulding, Inc., King's Highway

PUBLIC BOXES**3**

3 Lunds Corner
 31 Acushnet av and Wood st
 311 Acushnet av and Perry st

312 Acushnet av and Hatch st
 313 Acushnet av and Belleville rd
 315 Howard av and Belleville av
 316 Belleville av and Covell st
 317 Belleville rd and Hope st
 318 Belleville rd and Diman st
 319 Acushnet av and Nash rd
 323 Arlington and Clifford sts
 324 Concord and Shaw sts
 325 Arlington and Query sts
 326 Ashley blvd and Shaw st
 327 Ashley blvd and Glennon st
 329 Nash rd and Ashley blvd
 332 Church and Glennon sts
 334 Nash rd and Church st
 343 Carlisle and Milford sts
 345 Irvington and Rochambeau sts
 363 Shawmut av and Plainville rd
 37 Harwich and Conduit sts
 371 Wood and Felton sts
 372 Tarkiln Hill rd and Felton st.
 373 Branscomb and Orleans sts
 374 Ashley blvd and Wood st
 375 Tarkiln Hill rd and Ashley blvd
 376 Tarkiln Hill rd and Prescott st
 38 Acushnet and Squin avs
 382 Acushnet av and Braley rd
 383 Acushnet av and White st
 385 Acushnet av and Forbes st
 386 Acushnet av and Phillips rd
 387 Acushnet av and Chaffee st
 388 Acushnet av and Pontiac st

4

4 Tinkham av and No. Front st
 41 Hathaway and Diman sts
 411 Belleville av and Davis st
 412 Acushnet av and Davis st
 413 Ashley blvd and Coffin av
 4131 Ashley blvd and Phillips av
 414 Coffin av and No. Front st
 415 Belleville and Coffin avs
 416 Acushnet av and Bullard st
 42 Belleville av and Nye st
 421 Tallman st and Ashley blvd
 422 Acushnet av and Sawyer st
 423 Holly and No. Front sts
 43 Acushnet av and Coggeshall st
 431 Belleville av and Coggeshall st
 432 Cedar Grove and No. Front sts
 433 Cedar Grove st and Acushnet av
 4331 Cedar Grove and Howard sts
 434 Acushnet av and Washburn st
 435 Hicks and No. Front sts
 441 Brook and Earl sts
 442 Ashley blvd and Earl st
 451 Mt. Vernon and Highland sts

452 Mt. Pleasant and Peckham sts
 453 Summer and Adams sts
 454 Mt. Pleasant and Sawyer sts
 459 Mt. Pleasant st & Kings Highway
 46 Sawyer and County sts
 461 Coggeshall and Reynolds sts
 4611 County and Coggeshall sts
 462 Purchase and Cedar Grove sts
 463 County and Clark sts
 464 Myrtle and Clark sts
 47 Purchase and Linden sts
 471 County and Linden sts
 472 Durfee and Summer sts
 473 Durfee and Highland sts
 48 Shawmut av and Durfee st
 482 Shawmut av and Potter st
 484 Shawmut av and Hathaway rd
 49 Rockdale av and Grant st
 494 Rockdale av and Hathaway rd

5

5 Parker St. near Summer st
 51 County and Parker sts
 511 Hazard and State sts
 512 Merrimac and State sts
 513 Purchase and Franklin sts
 514 Purchase and Willis sts
 515 Acushnet av and Wall st
 516 Acushnet av and Maxfield st
 517 State and Sycamore sts
 5171 Maxfield and Pleasant sts
 52 Richmond and Austin sts
 521 Shawmut av and Maitland st
 522 Cottage and Robeson sts
 5221 Home for the Aged, Summer and Austin sts
 523 Robeson and Summer sts
 5231 County and Merrimac sts
 524 Cedar and Locust sts
 525 Shawmut av and Parker st
 526 Chestnut and Willis sts
 527 Cedar and Smith sts
 5271 Cedar and Maxfield sts
 53 Kempton and Cedar sts
 531 Kempton and Chancery sts
 532 Kempton and Liberty sts
 533 Kempton and Florence sts
 534 Kempton st and Rockdale av
 536 Kempton and Jenny Lind sts
 54 Purchase and North sts
 541 No. Water and North sts
 542 No. Water and Middle sts
 543 Fish Island
 544 Rodman and Front sts
 551 County and Maxfield sts
 552 County and Kempton sts
 553 Pleasant and High sts
 554 Purchase and Elm sts

7

5543 C. F. Wing Co.
 556 William and No. Sixth sts
 5561 Cummings & Cummings
 557 County and Morgan sts
 5571 Summer and Middle sts
 56 Union and Eighth sts
 561 Union and Purchase sts
 5611 Hutchinson's Book Store Bldg.
 5612 N. B. Dry Goods Co.
 5613 Masonic Bldg.
 5614 Standard Building
 562 William and No. Second sts
 563 Union and Water sts
 5631 Driscoll, Church and Hall
 57 Cottage and North sts
 571 Hillman and Ash sts
 572 Park and Keene sts
 573 Park and Smith sts
 581 Union and Ash sts
 582 Union and Ocean sts
 583 Union and Rounds sts
 59 Cottage and Court sts
 591 Court and Park sts
 5911 Court and Liberty sts
 592 Court and James sts
 593 Palmer and Elm sts
 594 Court and Reed sts
 595 Buttonwood and Lake sts
 596 Brownell av and Pinette st

6

6 Pleasant and School sts
 61 Purchase and Madison sts
 611 Second and School sts
 6111 Parson's Steam Laundry
 612 Walnut and So. Water sts
 613 So. Water and Coffin Sts
 614 So. Water and Leonard sts
 615 Acushnet av and Cannon st
 616 Bedford and So. Sixth sts
 6161 Pleasant and Russell sts
 617 Walnut and Seventh sts
 62 Allen and Dartmouth sts
 621 Bedford and Borden sts
 622 Ward and Bay sts
 623 Allen and Page sts
 624 Allen and Brigham sts
 625 Allen and Reed sts
 63 Hawthorn and Cottage sts
 631 Hawthorn and Page sts
 632 Hawthorn and Brigham sts
 633 Ryan and Brownell sts
 634 Carroll and Reed streets
 635 Maple and Rounds sts
 636 Hawthorn st and Rockdale av
 64 Orchard and Clinton sts
 641 Arnold and Ash sts
 642 Arnold and Atlantic sts
 643 Arnold and Rotch sts
 644 Arnold and Reed sts

7 Howland and So. Second sts
 71 Purchase and South sts
 711 So. Water and South sts
 7111 Acushnet av, north from South st
 712 Potomska and So. First sts
 713 Acushnet av and Rivet st
 714 So. Water and Blackmer sts
 715 So. Water and Division sts
 716 So. Water and Cove sts
 717 Cove and Viall sts
 72 County and Grinnell sts
 721 Rockland and Hall sts
 722 County and Thompson sts
 7221 Crapo and Thompson sts
 723 County and Blackmer sts
 7231 Division st and Acushnet av
 724 County and Mosher sts
 725 County and Cove sts
 73 Washington and Crapo sts
 731 Orchard and Fair sts
 732 Briggs and Thompson sts
 7321 Hemlock and Thompson sts
 733 Bolton and Rivet sts
 734 Crapo and Rivet sts
 735 Crapo and Division sts
 7351 Katherine and Bonney sts
 74 Dartmouth and Hickory sts
 741 Dartmouth and Rockland sts
 742 Dartmouth and Rivet sts
 743 Dartmouth and Dunbar sts
 744 Hemlock and Swift sts
 745 Hemlock and Sagamore sts
 7451 Hemlock st and Rockdale av
 746 Field and Matthew sts
 747 Rockdale ave and Sharp st
 748 Rockdale ave and Luke st

8

8 Almshouse
 81 Isolation Hospital
 811 Brock av and Hudson st
 812 Brock av and Capitol st
 813 Brock av and Butler st
 8131 Brock av and Frederick st
 814 Brock av and Rodney st
 815 Brock av and George st
 816 Ruth and Ashley sts
 82 Rodney French blvd, west, and Brock av
 821 Rodney French blvd, west, and Willard st
 822 Rodney French blvd, West and Oaklawn st
 83 Rodney French blvd, east and Cove st
 831 Rodney French blvd, east, and Frederick st

SPECIAL SIGNALS

22 struck twice, No School Signal
 99 Struck four times, Police Call
 10 blows struck twice, Military Call.
 15 blows struck twice, Naval Call.
 38 blows struck once, Civil Relief
 Committee Call.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

January 10, 1929.

Received, ordered printed in city documents, and sent
down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,

January 10, 1929.

Concurred.

RUTH G. HILTON,
Clerk.

Fiftieth Annual Report

OF

THE BOARD OF HEALTH

OF THE

City of New Bedford

To the City Council for the Year 1928.



NEW BEDFORD, MASS.

1928

LE MESSENGER PUBLISHING CO.

REPORT

*Office of the Board of Health,
New Bedford, Jan. 17, 1929*

*To His Honor, the Mayor and
Gentlemen of the City Council:*

In presenting this, the fiftieth annual report of the Board of Health, we desire to say that there was an increase in both the mortality rate and infant deaths for the year ending December 31, 1928, the details of which are explained elsewhere in our report.

During the year, there has been a falling off not only of live births, but the attendance at the well baby clinics. In fact, there has been a steady decline of live births every year for the past seven years and we believe that the services now rendered by five clinics can well be carried on by four, dispensing with one of the clinics located at the south end of the city.

Because of lack of funds in 1928, the dental work was suspended for a portion of the year, but with approach of the end of the financial year, it was found that the work could again be taken on and it was resumed during November. The Board contemplates changes in this particular branch of health work, which we hope will work out successfully with the view of making a saving to the city and not interfering with the efficiency of the service rendered.

Another saving during the year was the curtailment of lamp treatment for T. B. Glands, the Board thereby making quite a saving. We believe that lamp treatment for glands should be carried on only after the removal of tonsils. In other words, it is the policy of the Board to encourage lamp treatment only when tonsilotomy has been performed. Unless tonsilotomy is performed, the lamp treatment is of such long duration that it appears not only useless, but a waste of the city's money.

The whole number of vaccinations at the office of the Board during the year was 2,147, while at the dispensary of the City Mission 170 were vaccinated, the local Board furnishing the vaccine virus.

During the year there were immunized against diphtheria, 218 children, who were treated at the office. In addition to this, Dr. L. K. Doran, public vaccinator, volunteered to immunize the 158 children at St. Mary's Home. Arrangements were also made to have every child entering that institution immunized upon admission.

The following is a list of undertakers licensed during this year:

| | | |
|-------------------|----------------------|------------------|
| Hector J. Faucher | Michael C. Austin | E. T. Wilson |
| Philip S. Powell | Aldege Chaussé | F. P. Macedo |
| W. S. Dillingham | Chas. E. Vaughan | R. J. Carrier |
| E. D. Murphy | Frank C. Tallman | Peter Murach |
| Chas. A. Frates | W. D. Harris | L. S. Williams |
| Peleg H. Sherman, | N. Lalime, Jr. | Wm. H. Aubertine |
| Inc. | Jeremiah F. Sullivan | Rogers & Sylvia |
| S. N. Donaghy | Wm. A. Payette | Omer W. Grenon |
| | | Henry J. Proulx |

During the year, there were 3,339 inspections of markets and stores, 505 inspections of lunch carts and restaurants and 512 bakery inspections. The dairy farms inspected in the same period numbered 2,054.

In 1928, there were 24,043 yard inspections and only 232 garbage complaints, the last named being negligence in collection of garbage regularly.

Respectfully submitted,

Joseph R. Glennon, Chairman

S. A. Lamoureux, M. D.

Holder Crary Kirby, M. D.

Board of Health

REPORT OF AGENT AND EXECUTIVE OFFICER

New Bedford, Jan. 15, 1929

To the Board of Health,

Gentlemen :

There were 1354 deaths during the year ending December 31, 1928, an increase of 49 over 1927, which was considered one of the best years in the whole United States. The mortality rate for last year, which is based on a much reduced population was 11.40 while the adjusted rate (there being 98 deaths of persons residing out of the city) was 10.57.

The leading causes of death in the city were heart disease, 233, cerebral hemorrhage 133, tuberculosis all forms 123—98 of this number being of the pulmonary type, cancer 114, and bronchopneumonia, which carried off 101.

The group contributing the largest number of deaths was between the ages of 60 and 70—238, while in the next decade the figure reached 192. One person reached the age of 101 years.

During the year there were eleven suicides, six seekers of a speedy end, resorting to the use of illuminating gas. Thirty-six others met violent deaths, two of the number being classed in the homicide column. In addition there were 13 fatalities due to automobile accidents. In this record eight of the accidents occurred in neighboring towns, the remaining five fatalities being due to automobile accidents in the city. This record is the lowest of any city in the registration area of the United States.

Of the 1354 deaths during 1928, 676 were males and 678 females.

The following is the record of deaths and mortality rates since 1889:

| Year | Deaths | Rate | Population |
|------|--------|--------|------------|
| 1890 | 775 | 18.9+ | 41,000 |
| 1891 | 960 | 21.8+ | *44,000 |
| 1892 | 973 | 21.62 | 45,000 |
| 1893 | 1070 | 23.77 | 45,000 |
| 1894 | 1037 | 21.18 | 49,000 |
| 1895 | 1055 | 19.09 | *55,251 |
| 1896 | 1192 | 20.91 | 57,000 |
| 1897 | 1275 | 21.98 | 58,000 |
| 1898 | 1111 | 18.33 | 59,000 |
| 1899 | 1161 | 19.35 | 60,000 |
| 1900 | 1285 | 20.57 | *62,442 |
| 1901 | 1236 | 19.08 | 64,826 |
| 1902 | 1331 | 19.80 | 67,210 |
| 1903 | 1590 | 22.84 | 69,594 |
| 1904 | 1347 | 18.71 | 71,978 |
| 1905 | 1275 | 17.14 | *74,326 |
| 1906 | 1333 | 16.85 | 79,078 |
| 1907 | 1546 | 18.38 | 84,102 |
| 1908 | 1579 | 17.79 | 88,591 |
| 1909 | 1594 | 17.12 | *93,093 |
| 1910 | 1817 | 18.79 | *96,652 |
| 1911 | 1730 | 16.94 | 102,098 |
| 1912 | 1655 | 15.86 | 104,302 |
| 1913 | 1673 | 15.52 | 107,766 |
| 1914 | 1750 | 16.05 | 109,000 |
| 1915 | 1719 | 15.67 | *109,652 |
| 1916 | 1810 | 15.31 | 118,158 |
| 1917 | 1785 | 15.1+ | 118,158 |
| 1918 | 2905 | 24.28+ | 119,577 |
| 1919 | 1626 | 13.25 | 122,695 |
| 1920 | 1749 | 14.42+ | 121,217 |
| 1921 | 1380 | 11.38 | 125,012 |
| 1922 | 1560 | 12.23+ | 127,542 |
| 1923 | 1583 | 11.6 + | 135,457 |
| 1924 | 1342 | 9.79 | 136,966 |
| 1925 | 1392 | 10.3 | 135,132 |
| 1926 | 1505 | 11.9 + | 126,242 |
| 1927 | 1305 | 10.76 | 121,410 |
| 1928 | 1354 | 11.40 | 118,737 |

*Census

INFANT MORTALITY

There were 187 deaths of infants under one year of age during 1928, an increase of 25. With a falling off in the number of births during the same year, we cannot claim much of a record for 1928 in this respect. In 1927 the city boasted of its lowest infant mortality, only to have it go up again—from 66.+ to 78.+ are the figures which tell their own story. Other textile cities no doubt have the same experience. Nearly three-fifths of the whole number did not live one month, and forty-eight did not survive a whole day.

The infant death rate fo 40 years is shown in the following table:

| | | | Births | Deaths Under 1 | Rate |
|------|---|---|--------|----------------|--------|
| 1889 | . | . | 1178 | 217 | 184.21 |
| 1890 | . | . | 1077 | 215 | 199.63 |
| 1891 | . | . | 1350 | 282 | 208.88 |
| 1892 | . | . | 1678 | 279 | 166.26 |
| 1893 | . | . | 1647 | 350 | 212.50 |
| 1894 | . | . | 1971 | 338 | 171.48 |
| 1895 | . | . | 1799 | 330 | 183.43 |
| 1896 | . | . | 2228 | 466 | 209.15 |
| 1897 | . | . | 2368 | 420 | 177.32 |
| 1898 | . | . | 2251 | 375 | 166.59 |
| 1899 | . | . | 2213 | 343 | 154.99 |
| 1900 | . | . | 2374 | 424 | 178.60 |
| 1901 | . | . | 2658 | 361 | 135.81 |
| 1902 | . | . | 2579 | 425 | 164.79 |
| 1903 | . | . | 2569 | 442 | 172.05 |
| 1904 | . | . | 2700 | 423 | 156.66 |
| 1905 | . | . | 2852 | 400 | 140.25 |
| 1906 | . | . | 3186 | 432 | 135.59 |
| 1907 | . | . | 3448 | 544 | 156.61 |
| 1908 | . | . | 3735 | 509 | 136.27 |
| 1909 | . | . | 4044 | 543 | 134.27 |
| 1910 | . | . | 3964 | 689 | 173.81 |
| 1911 | . | . | 4203 | 589 | 140.13 |
| 1912 | . | . | 3727 | 552 | 148.10 |
| 1913 | . | . | 3795 | 536 | 141.23 |
| 1914 | . | . | 3732 | 534 | 143.08 |
| 1915 | . | . | 3679 | 495 | 134.55 |
| 1916 | . | . | 3651 | 485 | 132.84 |
| 1917 | . | . | 3792 | 495 | 130.55 |
| 1918 | . | . | 4122 | 760 | 184.33 |
| 1919 | . | . | 3545 | 414 | 116.88 |
| 1920 | . | . | 3656 | 428 | 117.07 |
| 1921 | . | . | 3681 | 346 | 93.99 |
| 1922 | . | . | 3344 | 345 | 103.01 |
| 1923 | . | . | 3300 | 347 | 105.1 |
| 1924 | . | . | 3169 | 247 | 77.94 |
| 1925 | . | . | 3010 | 241 | 80.+ |
| 1926 | . | . | 2762 | 285 | 100.3+ |
| 1927 | . | . | 2433 | 162 | 66.+ |
| 1928 | . | . | 2391 | 187 | 78.+ |

Last year there were but 2391 births recorded in the office of the City Clerk, the canvass by that official increasing the number reported daily by 65. The record is the lowest for any year since 1900. In fact, there has been a steady decline of live births since 1921. The record for that year was 3681, while last year there were 2391—1290 less than in 1921. There has also been a falling off in the attendance at the well baby clinics.

The nativity of infants who died under one year of age was as follows:

| | |
|---------------------|----|
| United States | 99 |
| Portugal | 55 |
| Canada | 21 |
| England | 4 |
| Poland | 4 |
| Brazil | 2 |
| Norway | 1 |
| Russia | 1 |

BOARD OF HEALTH

M 11

CHILD MORTALITY, 1928

| | 1-2 yrs. | 2-3 | 3-4 | 4-5 | Male | Female |
|-----------------|----------|-----|-----|-----|------|--------|
| January | 3 | 1 | 0 | 1 | 2 | 3 |
| February | 5 | 2 | 3 | 2 | 5 | 7 |
| March | 4 | 3 | 2 | 1 | 3 | 7 |
| April | 8 | 2 | 0 | 0 | 4 | 6 |
| May | 2 | 5 | 0 | 0 | 4 | 3 |
| June | 6 | 2 | 0 | 2 | 6 | 4 |
| July | 0 | 2 | 0 | 0 | 2 | 0 |
| August | 3 | 0 | 1 | 0 | 1 | 3 |
| September | 1 | 1 | 2 | 1 | 2 | 3 |
| October | 0 | 1 | 0 | 1 | 0 | 2 |
| November | 1 | 3 | 0 | 1 | 1 | 4 |
| December | 2 | 1 | 2 | 0 | 3 | 2 |

INFANT MORTALITY IN DETAIL

| 1928 | AGES | | | | | | | | | | | | | | M. | F. |
|-----------------|------------------------------|-------------|--------------|---------------|---------------|----------------|-----------------|-----------------|------------------|-------------------|-------------------|-------------------|------------------|-----|----|----|
| | Total Deaths under 1 year | Under 1 day | 1 day-2 days | 2 days-3 days | 3 days-1 week | 1 week-2 weeks | 2 weeks-3 weeks | 3 weeks-1 month | 1 month-2 months | 2 months-3 months | 3 months-6 months | 6 months-9 months | 9 months-1 year. | | | |
| January | 22 | 2 | 3 | 0 | 3 | 0 | 0 | 0 | 2 | 1 | 5 | 1 | 5 | 12 | 10 | |
| February | 20 | 4 | 0 | 3 | 0 | 3 | 0 | 0 | 1 | 1 | 2 | 4 | 2 | 13 | 7 | |
| March | 13 | 4 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 2 | 7 | 6 | |
| April | 23 | 2 | 1 | 0 | 3 | 3 | 1 | 0 | 2 | 1 | 7 | 1 | 2 | 13 | 10 | |
| May | 16 | 8 | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 2 | 8 | 8 | |
| June | 17 | 5 | 1 | 3 | 0 | 2 | 0 | 1 | 2 | 0 | 2 | 0 | 1 | 11 | 6 | |
| July | 12 | 6 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 8 | 4 | |
| August | 14 | 2 | 2 | 1 | 1 | 0 | 3 | 0 | 1 | 1 | 0 | 1 | 2 | 8 | 6 | |
| September | 12 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 1 | 6 | 6 | |
| October | 15 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 4 | 2 | 1 | 8 | 7 | |
| November | 12 | 5 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 1 | 1 | 5 | 7 | |
| December | 11 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 1 | 4 | 7 | |
| Total Males | | 28 | 8 | 5 | 10 | 6 | 4 | 1 | 6 | 3 | 13 | 9 | 10 | 103 | | |
| Total Females | | 20 | 8 | 4 | 2 | 1 | 6 | 1 | 4 | 3 | 18 | 6 | 11 | | 84 | |

CAUSES OF DEATHS UNDER 1 YEAR, 1928

| Classification No. | Causes of Death | Under 1 day | 1 day-2 days | 2 days-3 days | 3 days-1 week | 1 week-2 weeks | 2 weeks-3 weeks | 3 weeks-1 month | 1 month-2 months | 2 mos.-3 mos. | 3 mos.-6 mos. | 6 mos.-9 mos. | 9 mos.-1 year | M F | |
|--------------------|------------------------------|-------------|--------------|---------------|---------------|----------------|-----------------|-----------------|------------------|---------------|---------------|---------------|---------------|-----|----|
| | | | | | | | | | | | | | | | |
| 161a | Premature Birth | 13 | 6 | . | 2 | . | 4 | 1 | 2 | 1 | 1 | . | . | 17 | 14 |
| 161b | Injury at Birth | 3 | 4 | 1 | 3 | . | . | 1 | . | 1 | . | . | . | 6 | 7 |
| 159a | Cong. Malformation | . | . | . | . | . | . | . | . | . | . | . | . | 0 | 0 |
| 159b | Cong. Heart | 2 | 5 | 1 | 2 | 3 | . | . | . | 1 | . | . | . | 8 | 6 |
| 159c | Cong. Heart | 1 | . | . | 1 | 1 | . | . | 1 | . | . | 1 | . | 3 | 2 |
| 160 | Congenital Debility | 3 | 1 | . | 1 | 1 | . | . | . | 4 | 1 | . | . | 5 | 6 |
| 162 | Other Diseases | 18 | 4 | . | 2 | 1 | . | . | . | 2 | . | . | . | 19 | 8 |
| 113 | Diarrhea and Ent. | . | . | . | . | . | . | 1 | 2 | 1 | 5 | 3 | 2 | 6 | 8 |
| 118b | Hernia | . | . | . | . | . | . | . | . | . | . | . | . | 1 | 0 |
| 100 | Broncho Pneumonia | . | . | . | 1 | 1 | . | 2 | 1 | 5 | 7 | 9 | 11 | 15 | 15 |
| 101a | Lobar Pneumonia | . | . | . | . | . | . | . | . | 1 | . | 1 | 1 | 1 | 1 |
| 99a | Bronchitis | . | . | . | . | . | . | . | . | 1 | 2 | 1 | 2 | 2 | 2 |
| 99b | Bronchitis | . | . | . | . | . | . | . | . | . | . | . | . | 0 | 0 |
| 80 | Inf. Convulsions | 1 | . | . | . | . | . | 1 | 2 | 1 | . | 2 | 6 | 1 | 1 |
| 205a | Natural Causes | . | . | . | 1 | 1 | . | . | 1 | 2 | 1 | . | 3 | 3 | 3 |
| 119 | Other Dis. Rectum | . | . | . | 1 | . | . | 1 | . | . | . | . | 1 | 1 | 1 |
| 41 | Septicaemia | . | . | 1 | . | . | . | . | 1 | 1 | . | 1 | 2 | 2 | 2 |
| 179 | Burns | 1 | . | . | . | . | . | . | . | . | . | . | 1 | 0 | 0 |
| 101 | Pneu. Meningitis | . | . | . | 1 | . | . | . | . | . | . | . | 1 | 0 | 0 |
| 32 | T. B. Meningitis | . | . | . | 1 | . | . | . | . | . | 1 | 1 | 1 | 2 | 1 |
| 86a | Otitis Media | . | . | . | . | . | . | . | . | 1 | . | . | 1 | 0 | 0 |
| 38 | Syphilis | . | . | . | 1 | . | . | . | . | . | . | . | 1 | 0 | 0 |
| 84 | Other Dis. Nervous System .. | 1 | . | . | . | . | . | . | . | . | . | . | 1 | 0 | 0 |
| 62 | Enlarged Thymus | . | . | 1 | . | . | . | . | . | . | . | . | 1 | 1 | 1 |
| 61 | Dis. Parathyroid Gland | . | . | 1 | . | . | . | . | . | 1 | . | . | 0 | 2 | 2 |
| 71a | Simp'e Meningitis | . | . | . | . | . | . | 1 | . | 1 | 1 | . | 2 | 1 | 1 |
| 65a | Leukemia | . | . | . | . | . | . | . | . | 1 | . | . | 1 | 0 | 0 |
| 56 | Rickets | . | . | . | . | . | . | . | . | . | . | 1 | 1 | 0 | 0 |
| 9 | Whooping Cough | . | . | . | . | . | . | . | . | . | 1 | 1 | 1 | 1 | 1 |
| 31 | Tuberculosis | . | . | . | . | . | . | . | . | 1 | . | . | 0 | 1 | 1 |
| 177 | Poisoning | . | . | . | . | . | . | . | . | 1 | . | . | 0 | 1 | 1 |
| | | | | | | | | | | | | | | 103 | 84 |

Whole No. 187

Males 103

Females 84

BOARD OF HEALTH

COMPARATIVE TABLE OF LEADING CAUSES OF DEATH

| | Deaths | P. C. | Deaths | P. C. | Deaths | P. C. | Deaths | P. C. | Deaths | P. C. |
|----------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| | —1924— | | —1925— | | —1926— | | —1927— | | —1928— | |
| Pulmonary T. B. | 96 | 7. | 84 | 6.1 | 94 | 6.2 | 90 | 6.8 | 97 | 7.1 |
| All Forms T. B. | 114 | 8.3 | 101 | 7.3 | 120 | 7.9 | 104 | 7.8 | 123 | 9.1 |
| Heart Disease | 233 | 17.1 | 234 | 16.8 | 239 | 18.1 | 318 | 24.3 | 233 | 17.2 |
| Broncho Pneumonia... | 143 | 10.4 | 142 | 10.2 | 200 | 14.6 | 75 | 5.7 | 101 | 7.1 |
| Pneumonia | 41 | 3. | 27 | 1.9 | 40 | 2.6 | 33 | 2.5 | 25 | 1.8 |
| Cancer | 91 | 6.7 | 121 | 8.7 | 88 | 5.8 | 120 | 9.2 | 114 | 8.4 |

TUBERCULOSIS

There was expended last year for the care and treatment of cases of tuberculosis \$101,904.04, nearly one-half of the total expenditure for the year. Of this amount Sassaquin Sanatorium received for the treatment of patients, lamp treatments, dentistry, etc., \$88,453.77; St. Luke's Hospital \$287.00; Union Hospital \$297.00; other sanatoria \$780.56; Dr. Frasier, lamp treatment \$1712.00; paid other cities \$2997.55; for home treatment \$420.55 and nurses on T. B. care \$3,732.50; their carfare \$134.01 and auto expense \$78.00.

During the year there were reported 187 new cases of pulmonary tuberculosis, falling off of fourteen as compared with the previous year. The number of deaths from tuberculosis was 97, an increase of 7 over the previous year.

The number of patients treated at Sassaquin last year was 217, of which number 77 were married and 140 single. Of the patients treated 21 were discharged improved, 24 apparently arrested, 8 quiescent, 14 unimproved and 24 died.

While the mortality rate for tuberculosis in New Bedford last year was in excess of the previous year, this is not the case throughout the United States. As a matter of fact, tuberculosis throughout the country had the lowest rate since 1899, when the anti-tuberculosis movement was actively launched in America. The leading authorities on vital statistics feel so much encouraged over the excellent showing in the United States as a whole, that one eminent authority predicts, with a continuance of present day activities, a mortality rate of but 40 per hundred thousand in 1937.

CONTAGIOUS AND INFECTIOUS DISEASES

Taken as a whole the year just ended was a pretty good one so far as infectious diseases are concerned. Scarlet Fever was not so prevalent, the record being 92 cases with one death—the best record for this ailment since 1923. Diphtheria, however, continued its showing from the previous fall, when an epidemic made its appearance the very last month in the year. There were 255 cases of diphtheria and 11 deaths.

During the year there were nine cases of typhoid fever, with one death, several of the cases coming to the city while convalescing. The Isolation Hospital was opened for patients but 59 days during this year.

CASES AND DEATHS BY MONTHS, 1928

| MONTHS | | Diphtheria | | Scarlet Fever | | Typhoid Fever | | Measles | | Whooping Cough | | Smallpox | | Lobar Pneumonia | | Pol'omye- litis | | Pul & Miliary | | Menin- geal | | Other Forms | |
|-----------------|-----|------------|----|---------------|---|---------------|------|---------|-----|----------------|---|----------|----|-----------------|---|--------------------|-----|---------------|----|----------------|----|----------------|---|
| January | 57 | 2 | 16 | 1 | 1 | 0 | 5 | 0 | 15 | 0 | 0 | 0 | 7 | 5 | 0 | 0 | 18 | 6 | 2 | 6 | 1 | 8 | 0 |
| February | 27 | 2 | 8 | 0 | 0 | 0 | 4 | 0 | 26 | 0 | 0 | 0 | 11 | 5 | 0 | 0 | 15 | 10 | 1 | 6 | 2 | 2 | 1 |
| March | 25 | 0 | 17 | 0 | 0 | 0 | 45 | 0 | 23 | 0 | 0 | 0 | 11 | 1 | 0 | 0 | 19 | 11 | 5 | 1 | 3 | 10 | 2 |
| April | 31 | 1 | 8 | 0 | 0 | 0 | 38 | 0 | 23 | 1 | 0 | 0 | 16 | 3 | 0 | 0 | 20 | 5 | 1 | 1 | 2 | 11 | 1 |
| May | 19 | 1 | 7 | 0 | 0 | 0 | 35 | 0 | 18 | 0 | 0 | 0 | 7 | 3 | 0 | 0 | 20 | 7 | 2 | 2 | 2 | 3 | 1 |
| June | 10 | 0 | 6 | 0 | 0 | 0 | 30 | 0 | 4 | 0 | 0 | 0 | 3 | 4 | 0 | 0 | 23 | 8 | 2 | 2 | 1 | 3 | 1 |
| July | 11 | 0 | 2 | 0 | 1 | 0 | 37 | 0 | 13 | 0 | 0 | 0 | 6 | 2 | 0 | 0 | 17 | 14 | 0 | 2 | 0 | 1 | 1 |
| August | 4 | 0 | 3 | 0 | 0 | 0 | 12 | 0 | 9 | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 9 | 7 | 0 | 0 | 1 | 1 | 0 |
| September | 3 | 0 | 1 | 0 | 2 | 0 | 18 | 0 | 5 | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 13 | 13 | 2 | 0 | 1 | 2 | 0 |
| October | 25 | 3 | 3 | 0 | 1 | 0 | 49 | 0 | 16 | 1 | 0 | 0 | 6 | 2 | 2 | 3 | 9 | 6 | 0 | 0 | 1 | 4 | 0 |
| November | 24 | 0 | 7 | 0 | 1 | 0 | 92 | 0 | 20 | 0 | 0 | 0 | 8 | 1 | 2 | 0 | 9 | 4 | 0 | 1 | 1 | 1 | 0 |
| December | 19 | 2 | 14 | 0 | 0 | 0 | 166 | 0 | 10 | 0 | 0 | 0 | 8 | 1 | 2 | 0 | 15 | 6 | 1 | 1 | 0 | 0 | 0 |
| | 255 | 11 | 92 | 1 | 9 | 1 | 1531 | 0 | 182 | 2 | 0 | 0 | 84 | 28 | 8 | 1 | 187 | 97 | 17 | 19 | 45 | 7 | 7 |

Tuberculosis

Tuberculosis

BIRTHS

Again it is possible to report a falling off in the number of confinement cases attended by midwives. There has been a gradual falling off of midwife cases since 1922, last year seeing the number reduced to 178. The record since 1920 is as follows:

| | |
|------|-----|
| 1921 | 874 |
| 1922 | 853 |
| 1923 | 445 |
| 1924 | 438 |
| 1925 | 350 |
| 1926 | 282 |
| 1927 | 268 |
| 1928 | 178 |

There were but eight cases of ophthalmia neonatorum in 1928, against 31 in 1921. It is unnecessary to comment on this record. The work performed by Dr. A. Normandin, oculist and Mrs. Theresa Lyons, nurse, is deserving of something more than mere mention of the fact.

BIRTHS 1928

| | Number of Births | Number reported by Midwives | Visits by O. N. Nurses | Cases of Oph. Neon. | Cases of Supp. Conj. |
|---------------|------------------------|--------------------------------------|---------------------------------|------------------------------|-------------------------------|
| January | 184 | 19 | 74 | 2 | 10 |
| February ... | 182 | 15 | 97 | 0 | 4 |
| March | 206 | 16 | 31 | 0 | 6 |
| April | 191 | 13 | 54 | 0 | 8 |
| May | 193 | 15 | 73 | 0 | 10 |
| June | 253 | 14 | 46 | 2 | 12 |
| July | 186 | 14 | 52 | 0 | 8 |
| August | 184 | 15 | 23 | 1 | 3 |
| September .. | 159 | 14 | 51 | 0 | 12 |
| October | 214 | 21 | 66 | 1 | 8 |
| November ... | 198 | 11 | 92 | 0 | 5 |
| December ... | 176 | 9 | 19 | 2 | 3 |
| Total | 2326 | 176 | 678 | 8 | 89 |

BOARD OF HEALTH

M 21

The following is a monthly record of the work performed during the year which includes sanitary inspections and other routine duties connected with departmental work.

[illegible]

EXPENDITURES FOR THE YEAR 1928.

| | |
|-----------------------------|--------------|
| Administration | \$12,942.26 |
| Milk & Food | 11,586.54 |
| Laboratory | 1,677.23 |
| Parochial School Inspection | 3,793.11 |
| T. B. Clinic | 3,298.04 |
| T. B. Care | 101,904.04 |
| Infant Welfare | 27,509.96 |
| Contagious Disease | 10,039.35 |
| Ophthalmia Neonatorum | 3,245.06 |
| Isolation Hospital | 7,372.60 |
| Small-Pox | 689.02 |
| Sanitation | 12,843.03 |
| Venereal Diseases | 7,735.25 |
| Dental Hygiene | 13,996.40 |
| | <hr/> |
| | \$218,631.89 |
| Credit—Cash received | 26,988.29 |
| | <hr/> |
| Net Expenditures | \$191,643.60 |

EXPENDITURES—COMMUNICABLE DISEASES

Tuberculosis :

| | |
|----------------------------|--------------|
| New Bedford Sanatorium | \$85,697.77 |
| Other Sanatoria | 781.56 |
| Outside Relief | 420.65 |
| St. Luke's Hospital | 3287.00 |
| Union Hospital | 297.00 |
| Other Cities and Towns | 2,997.55 |
| Lamp Treatment—Sassaquin | 2,756.00 |
| Lamp Treatment—Dr. Frasier | 1,712.00 |
| T. B. Clinic | 3,298.04 |
| T. B. Nurses | 3,732.50 |
| Car Fares | 134.01 |
| | <hr/> |
| | \$105,114.08 |

Other Diseases :

| | |
|-----------------------|-------------|
| Ophthalmia Neonatorum | \$3,245.06 |
| St. Luke's Hospital | 2,137.25 |
| Isolation Hospital | 7,372.60 |
| Venereal Diseases | 7,735.25 |
| Treatment in homes | 2,490.20 |
| | <hr/> |
| | \$22,980.36 |

Reimbursements :

| | |
|----------------------|-------------|
| Subsidy, T. B. | \$20,184.20 |
| Commonwealth, T. B. | 5,586.00 |
| Commonwealth, C. D. | 157.50 |
| Other Cities, T. B. | 427.57 |
| Other Cities, C. D. | 5.00 |
| Other Sources, T. B. | 77.64 |
| | <hr/> |
| | \$26,437.91 |

Respectfully submitted,

William G. Kirschbaum,

Agent & Executive Officer

CAUSE OF DEATH

I. (Continued)

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|------|------|------|------|-----|------|------|------|-------|------|------|------|-------|
| 27. Anthrax | | | | | | | | | | | | | |
| 28. Rabies | | | | | | | | | | | | | |
| 29. Tetanus | | | | | | 1 | | | 1 | | | | 2 |
| 30. Mycoses | | | | | | | | | | | | | |
| 31. Tuberculosis of the respiratory system | 6 | 10 | 11 | 5 | 8 | 8 | 14 | 13 | 7 | 6 | 4 | 6 | 98 |
| 32. Tuberculosis of the meninges and central nervous system | 1 | 6 | 2 | 3 | 2 | 1 | | 1 | 1 | | 1 | 1 | 19 |
| 33. Tuberculosis of the intestines and peritoneum | | 1 | 2 | 1 | | 1 | | 1 | | | | | 6 |
| 34. Tuberculosis of the vertebral column | | | | | | | | | | | | | |
| 35. Tuberculosis of the joints... | | | | | | | | | | | | | |
| 36. Tuberculosis of other organs: | | | | | | | | | | | | | |
| (a) Tuberculosis of the skin and subcutaneous cellular tissue | | | | | | | | | | | | | |
| (b) Tuberculosis of the bones (vertebral column excepted).. | | | | | | | | | | | | | |
| (c) Tuberculosis of the lymphatic system (mesenteric and retroperitoneal glands excepted) | | | | | | | | | | | | | |
| (d) Tuberculosis of the genitourinary system | | | | | | | | | | | 1 | | 1 |
| (e) Tuberculosis of organs other than the above | | | | | | | | | | | | | |
| 37. Disseminated tuberculosis: | | | | | | | | | | | | | |
| (a) Acute | | | | | | | | | | | | | |
| (b) Chronic | | | | | | | | | | | | | |
| 38. Syphilis | 1 | | 1 | | | | | | | | | | 2 |
| 39. Soft chancre | | | | | | | | | | | | | |
| 40. Gonococcus infection | | | | | | | | | | | | | |
| 41. Purulent infection, septicemia | 4 | 1 | 5 | 1 | 3 | 2 | | 2 | 1 | 2 | 3 | 2 | 26 |
| 42. Other infectious diseases | | | | | | | | | | | | | |

II—General Diseases Not included Above

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| 43. Cancer and other malignant tumors of the buccal cavity | | | 1 | | | 1 | | 1 | | | | | 3 |
| 44. Cancer and other malignant tumors of the stomach and liver | 2 | 3 | | 2 | 3 | 9 | 3 | 3 | 1 | 5 | 3 | 3 | 37 |
| 45. Cancer and other malignant tumors of the peritoneum, intestines, and rectum | | 1 | 2 | 6 | 1 | 3 | 2 | 1 | 2 | 1 | 3 | 2 | 24 |

[illegible]

| CAUSE OF DEATH | | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|----------------|--|------|------|------|------|-----|------|------|------|-------|------|------|------|-------|
| II. | (Continued) | | | | | | | | | | | | | |
| | *(a) Chronic lead poisoning | | | | | | | | | | | | | |
| | *(b) Others under this title | | | | | | | | | | | | | |
| 68. | Chronic poisoning by organic substances | | | | | | | | | | | | | |
| 69. | Other general diseases | | | | 1 | | | | | | | | | 1 |
| III. | Diseases of the Nervous System and of the Organs of Special Sense | | | | | | | | | | | | | |
| 70. | Encephalitis | | | | 1 | | | | | | | | | 1 |
| 71. | Meningitis (does not include meningitis specified as meningococcic, tuberculous, rheumatic, etc.): | | | | | | | | | | | | | |
| | *(a) Simple meningitis | | 1 | 1 | | | | | | 1 | | | | 3 |
| | *(b) Nonepidemic cerebrospinal meningitis | | | | | | | | | | | | | |
| 72. | Tabes dorsalis (locomotor ataxia) | | | | | | | | | | | | | |
| 73. | Other diseases of the spinal cord | | | | | | | | | | | | | |
| 74. | Cerebral hemorrhage, apoplexy: | 12 | 14 | 10 | 9 | 9 | 6 | 13 | 13 | 5 | 9 | 16 | 17 | 133 |
| | (a) Cerebral hemorrhage ... | | | | | | | | | | | | | |
| | (b) Cerebral thrombosis and embolism | 5 | 1 | 2 | 1 | | | 1 | | | | 2 | | 8 |
| 75. | Paralysis without specified cause: | | | | | | | | | | | | | |
| | (a) Hemiplegia | | | 1 | | | | | | | | | 1 | 2 |
| | (b) Other under this title... | | | | | | 1 | | | | | 1 | | 2 |
| 76. | General paralysis of the insane | | | | | | 1 | 1 | | | | 1 | | 3 |
| 77. | Other forms of mental alienation | | | | | | | | | | | | | |
| 78. | Epilepsy | | | | | | | | | | 1 | | | 1 |
| 79. | Convulsion (nonpuerperal) | | | | | | | | | | | | | |
| | 5 years or over | | | | | 1 | | | | | | | | 1 |
| 80. | Infantile convulsions (under 5 years of age) | | | 3 | 3 | 2 | | | | | | | | 8 |
| 81. | Chorea | | | | | | | | | | | | | |
| 82. | Neuralgia and neuritis | | | | | | | | | | 1 | | | 1 |
| 83. | Softening of the brain | | | | | | | | | | | | | |
| 84. | Other diseases of the nervous system | | | | | 1 | 1 | | | | | | | 2 |

[illegible]

BOARD OF HEALTH

M 29

[illegible]

| CAUSE OF DEATH | | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|--|------|------|------|------|-----|------|------|------|-------|------|------|------|-------|
| VI. | (Continued) | | | | | | | | | | | | | |
| 116. | Diseases due to other intestinal parasites: | | | | | | | | | | | | | |
| | (a) Cestodes (hydatids of the liver excepted) | | | | | | | | | | | | | |
| | (b) Trematodes | | | | | | | | | | | | | |
| | (c) Nematodes (other than ankylostoma) | | | | | | | | | | | | | |
| | (d) Coccidia | | | | | | | | | | | | | |
| | (e) Other parasites specified .. | | | | | | | | | | | | | |
| | (f) Parasites not specified.. | | | | | | | | | | | | | |
| 117. | Appendicitis and typhilitis .. | | 1 | | 1 | | | 1 | 1 | 2 | 2 | 3 | 3 | 14 |
| 118. | Hernia, intestinal obstruction: | | | | | | | | | | | | | |
| | (a) Hernia | | | | | | 1 | | | | | | 1 | 4 |
| | (b) Intestinal obstruction .. | 2 | | 1 | 1 | 1 | | 1 | 1 | | 4 | | | 9 |
| 119. | Other diseases of the intestines | 2 | | | | 1 | | | | | | | 1 | 4 |
| 120. | Acute yellow atrophy of the liver | | | | | | | | | | | | | |
| 121. | Hydatid tumor of the liver... | | | | | | | | | | | | | |
| 122. | Cirrhosis of the liver: | | | | | | | | | | | | | |
| | (a) Specified as alcoholic... | | 2 | | | | 1 | | 1 | | | | | 4 |
| | (b) Not specified as alcoholic | | | 1 | | | 1 | | | 1 | 1 | | 1 | 5 |
| 123. | Biliary calculi | | | | | | | | | | | | | |
| 124. | Other diseases of the liver... | | 2 | 2 | | 1 | 1 | | 4 | 2 | 1 | 1 | 1 | 15 |
| 125. | Diseases of the pancreas | | | 1 | | | | | | | 2 | | | 3 |
| 126. | Peritonitis without specified cause | | 1 | | | | | | | | | | | 1 |
| 127. | Other diseases of the digestive system (cancer and tuberculosis excepted) | | | | | | | | | | | | | |
| VII.—Nonvenereal Diseases of the Genitourinary System and Annexa | | | | | | | | | | | | | | |
| 128. | Acute nephritis (including unspecified under 10 years of age) | | | | | | 2 | | | | | | | 5 |
| 129. | Chronic nephritis (including unspecified 10 years and over) | 10 | 5 | 10 | 4 | 7 | 6 | 4 | 1 | 4 | 3 | 4 | 2 | 60 |
| 130. | Chyluria | | | | | | | | | | | | | |
| 131. | Other diseases of the kidneys and annexa (diseases of the kidneys in pregnancy excepted) | 1 | | | | | 1 | | | | | | | 2 |

M 31

[illegible]

[illegible]

| CAUSE OF DEATH | | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|----------------|---|------|------|------|------|-----|------|------|------|-------|------|------|------|-------|
| XIV. | (Continued) | | | | | | | | | | | | | |
| 167. | Suicide by poisonous gas | | | | | | | | | 1 | 3 | 2 | | 6 |
| 168. | Suicide by hanging or strangulation | | | | | | | | | | | | | |
| 169. | Suicide by drowning | | 1 | | | 1 | | | | | | | | 2 |
| 170. | Suicide by firearms | | 1 | | | | | | 1 | | 1 | | | 3 |
| 171. | Suicide by cutting or piercing instruments | | | | | | | | | | | | | |
| 172. | Suicide by jumping from high places | | | | | | | | | | | | | |
| 173. | Suicide by crushing | | | | | | | | | | | | | |
| 174. | Other suicides | | | | | | | | | | | | | |
| 175. | Poisoning by food | | | | | | | | | | | | | |
| 176. | Poisoning by venomous animals | | | | | | | | | | | | | |
| 177. | Other acute accidental poisonings (gas excepted) | | | | 2 | | 1 | | | | | 1 | 1 | 5 |
| 178. | Conflagration | | | | | | | | | | | | | |
| 179. | Accidental burns (conflagration excepted) | | 1 | | | | | | 1 | | 2 | | | 4 |
| 180. | Accidental mechanical suffocation | 1 | | | | | | | | 1 | | | | 2 |
| 181. | Accidental absorption of irrespirable or poisonous gas | 3 | 2 | | 1 | 1 | | | | | | 2 | | 9 |
| 182. | Accidental drowning | 2 | 2 | | | 1 | | 2 | 1 | 1 | | | | 9 |
| 183. | Accidental traumatism by firearms (wounds of war accepted) | | | | | | | | | | | | | |
| 184. | Accidental traumatism by cutting or piercing instruments | | | | | | | | 1 | 1 | | | | 2 |
| 185. | Accidental traumatism by fall | | | | 2 | | | | | | 1 | | | 3 |
| 186. | Accidental traumatism in mines and quarries: | | | | | | | | | | | | | |
| | * (a) Mines | | | | | | | | | | | | | |
| | * (b) Quarries | | | | | | | | | | | | | |
| 187. | Accidental trau. by machines | | | | | | | | | | | | | |
| 188. | Accidental traumatism by other crushing (vehicles, railways, landslides, etc.): | | | | | | | | | | | | | |
| | * (a) Railroad accidents | | | | | | | | | | | | | |
| | * (b) Street car accidents . . . | | | | | | | | | | | | | |
| | * (c) Automobiles accidents.. | 2 | | 1 | | 1 | 1 | 1 | 2 | 3 | | 1 | 1 | 13 |
| | * (d) Aeroplane and balloon accidents | | | | | | | | | | | | | |
| | * (e) Injuries by other vehicles | | | | | | | | | | | | | |

| CAUSE OF DEATH | | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|----------------|--|------|------|------|------|-----|------|------|------|-------|------|------|------|-------|
| XIV. | (Continued) | | | | | | | | | | | | | |
| | *(f) Landslide, other crushing | | | | | | | | | | | | | |
| 189. | Injuries by animals (not poisoning) | | | | | | | | | | | | | |
| 190. | Wounds of war | | | | | | | | | | | | | |
| 191. | Execution of civilians by belligerent armies | | | | | | | | | | | | | |
| 192. | Starvation (deprivation of food or water) | | | | | | | | | | | | | |
| 193. | Excessive cold | | | | | | | | | | | | | |
| 194. | Excessive heat | | | | | | | 1 | | | | | | 1 |
| 195. | Lightning | | | | | | | | | | | | | |
| 196. | Other accidental electric shocks | | | | | | | | | | | | | |
| 197. | Homicide by firearms | | | | | | | | | | | 2 | | 2 |
| 198. | Homicide by cutting or piercing instruments | | | | | | | | | | | | | |
| 199. | Homicide by other means... | | | | | | | | | | | | | |
| 200. | Infanticide (murder of infants less than one year of age)† | | | | | | | | | | | | | |
| 201. | Fracture (causes not specified) | | | | | | | | | | | | | |
| 202. | Other external violence (cause specified) | | 1 | | | | 2 | | | | 1 | | | 4 |
| 203. | Other external violence (cause not specified) | | | | | | | | | | | 1 | | 1 |
| XV. | Ill-defined Diseases | | | | | | | | | | | | | |
| 204. | Sudden death | | | | | | | | | | | | | |
| 205. | Cause of death not specified or ill-defined: | | | | | | | | | | | | | |
| | *(a) Ill-defined | 1 | 2 | 2 | 5 | 1 | 2 | | | | | 1 | 2 | 16 |
| | *(b) Not specified or unknown | | | | | | | | | | | | | |
| | *(This title to be omitted when homicides are shown by ages under Titles 197-199). | | | | | | | | | | | | | |
| | | 132 | 135 | 129 | 133 | 116 | 124 | 96 | 91 | 76 | 95 | 116 | 111 | 1354 |

Respectfully submitted,

ELIZABETH E. SUMNER, Chief Clerk,

BOARD OF HEALTH

M 35

DEATH BY AGES, 1928

| | JAN. | | FEB. | | MAR. | | APR. | | MAY | | JUNE | | JULY | | AUG. | | SEPT. | | OCT. | | NOV. | | DEC. | | TOTAL | |
|-----------------|------|-----|------|-----|------|-----|------|----|-----|----|------|-----|------|----|------|----|-------|----|------|----|------|----|------|----|-------|-----|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F |
| Under 1 day | 1 | 1 | 3 | 1 | 1 | 3 | 0 | 2 | 4 | 4 | 4 | 1 | 4 | 2 | 2 | 0 | 3 | 0 | 1 | 2 | 3 | 2 | 2 | 2 | 28 | 20 |
| 1-2 days | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 2 | 0 | 2 | 0 | 1 | 0 | 1 | 1 | 8 | 8 |
| 2-3 days | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 4 |
| 3 days-1 week | 3 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 10 | 2 |
| 1-2 weeks ... | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 2 |
| 2-3 weeks ... | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 5 |
| 3 wks.-1 mo. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1-2 mos. | 0 | 2 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 4 |
| 2-3 mos. | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 3 |
| 3-6 mos. | 4 | 1 | 1 | 1 | 1 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 3 | 0 | 2 | 1 | 2 | 13 | 18 |
| 6-9 mos. | 1 | 0 | 2 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | 0 | 1 | 0 | 0 | 1 | 9 | 6 |
| 9 mos. 1 yr. | 2 | 3 | 2 | 0 | 1 | 1 | 1 | 1 | 0 | 2 | 1 | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 10 | 11 |
| 1-2 yrs. | 0 | 3 | 2 | 3 | 2 | 2 | 4 | 4 | 2 | 0 | 3 | 3 | 0 | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 0 | 16 | 19 |
| 2-3 yrs. | 1 | 0 | 1 | 1 | 0 | 3 | 0 | 2 | 2 | 3 | 2 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 10 | 13 |
| 3-4 yrs. | 0 | 0 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 6 |
| 4-5 yrs. | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 3 | 6 |
| 5-10 yrs. | 3 | 2 | 0 | 0 | 1 | 2 | 1 | 4 | 1 | 2 | 0 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 0 | 2 | 0 | 3 | 0 | 17 | 16 |
| 10-15 yrs. ... | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 11 | 10 |
| 15-20 yrs. ... | 0 | 2 | 1 | 1 | 4 | 2 | 1 | 1 | 0 | 1 | 2 | 1 | 2 | 1 | 2 | 4 | 2 | 1 | 2 | 1 | 2 | 3 | 3 | 0 | 21 | 18 |
| 20-25 yrs. ... | 1 | 0 | 1 | 4 | 1 | 2 | 0 | 2 | 2 | 3 | 1 | 2 | 1 | 1 | 0 | 3 | 0 | 3 | 0 | 2 | 2 | 0 | 0 | 1 | 9 | 23 |
| 25-30 yrs. ... | 1 | 5 | 2 | 3 | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 1 | 2 | 1 | 1 | 1 | 4 | 0 | 2 | 10 | 24 |
| 30-35 yrs. ... | 0 | 0 | 3 | 2 | 1 | 2 | 1 | 3 | 2 | 2 | 1 | 2 | 0 | 2 | 1 | 2 | 1 | 0 | 0 | 1 | 3 | 3 | 3 | 16 | 22 | |
| 35-40 yrs. ... | 6 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 4 | 2 | 3 | 1 | 4 | 3 | 0 | 0 | 4 | 2 | 2 | 5 | 2 | 2 | 26 | 24 | |
| 40-45 yrs. ... | 3 | 3 | 7 | 1 | 4 | 4 | 1 | 1 | 2 | 3 | 2 | 1 | 4 | 3 | 1 | 2 | 3 | 1 | 2 | 1 | 3 | 0 | 2 | 3 | 34 | 23 |
| 45-50 yrs. ... | 3 | 4 | 1 | 3 | 6 | 2 | 3 | 5 | 4 | 2 | 5 | 2 | 1 | 5 | 2 | 2 | 4 | 4 | 3 | 3 | 5 | 3 | 3 | 2 | 40 | 37 |
| 50-55 yrs. ... | 6 | 3 | 5 | 4 | 7 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 5 | 1 | 1 | 2 | 0 | 6 | 2 | 5 | 3 | 9 | 1 | 51 | 27 | |
| 55-60 yrs. ... | 4 | 6 | 8 | 3 | 2 | 5 | 6 | 6 | 3 | 2 | 3 | 2 | 4 | 1 | 5 | 1 | 2 | 4 | 5 | 4 | 6 | 3 | 3 | 2 | 51 | 39 |
| 60-65 yrs. ... | 6 | 3 | 6 | 5 | 8 | 7 | 7 | 2 | 6 | 7 | 6 | 6 | 5 | 3 | 4 | 3 | 3 | 1 | 6 | 4 | 2 | 4 | 6 | 4 | 65 | 49 |
| 65-70 yrs. ... | 8 | 4 | 8 | 3 | 5 | 4 | 3 | 7 | 4 | 4 | 3 | 9 | 7 | 9 | 4 | 4 | 8 | 1 | 5 | 6 | 3 | 5 | 5 | 5 | 63 | 61 |
| 70-75 yrs. ... | 7 | 6 | 5 | 5 | 5 | 3 | 3 | 8 | 2 | 4 | 3 | 6 | 4 | 4 | 4 | 3 | 1 | 4 | 4 | 2 | 4 | 4 | 2 | 6 | 44 | 55 |
| 75-80 yrs. ... | 4 | 4 | 2 | 5 | 5 | 3 | 2 | 10 | 4 | 6 | 3 | 8 | 3 | 2 | 2 | 4 | 1 | 2 | 1 | 2 | 5 | 5 | 6 | 4 | 38 | 55 |
| 80-85 yrs. ... | 1 | 5 | 1 | 2 | 3 | 1 | 2 | 3 | 3 | 5 | 2 | 4 | 3 | 0 | 3 | 6 | 1 | 2 | 1 | 4 | 5 | 2 | 5 | 1 | 30 | 35 |
| 85-90 yrs. ... | 1 | 1 | 1 | 3 | 4 | 3 | 1 | 2 | 0 | 2 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 2 | 0 | 5 | 9 | 23 |
| 90-95 yrs. ... | 1 | 1 | 0 | 3 | 0 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 8 |
| 95-100 yrs. ... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 100-101 yrs. . | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Whole No. .. | 132 | 135 | 129 | 133 | 116 | 124 | 96 | 91 | 76 | 95 | 116 | 111 | 1354 | | | | | | | | | | | | | |
| Male-Female | 68 | 64 | 72 | 63 | 58 | 61 | 54 | 79 | 52 | 64 | 58 | 66 | 53 | 43 | 43 | 48 | 40 | 36 | 50 | 45 | 57 | 59 | 60 | 51 | 676 | 678 |
| Stillborn | 7 | 6 | 6 | 4 | 6 | 6 | 7 | 3 | 5 | 4 | 6 | 2 | 6 | 4 | 3 | 2 | 5 | 5 | 6 | 5 | 4 | 5 | 3 | 2 | 64 | 48 |
| White | 73 | 66 | 71 | 65 | 74 | 60 | 58 | 77 | 51 | 65 | 60 | 64 | 53 | 43 | 39 | 48 | 42 | 39 | 54 | 50 | 58 | 59 | 61 | 52 | 694 | 688 |
| Colored | 2 | 3 | 4 | 5 | 3 | 4 | 1 | 7 | 4 | 4 | 4 | 7 | 3 | 5 | 4 | 4 | 1 | 1 | 1 | 4 | 4 | 2 | 1 | 41 | 41 | |
| Indian | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yellow | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Non Resident | 3 | 3 | 2 | 1 | 6 | 3 | 7 | 4 | 1 | 8 | 6 | 5 | 4 | 2 | 3 | 2 | 8 | 3 | 3 | 2 | 6 | 6 | 6 | 4 | 55 | 43 |

1 Stillborn, sex undetermined.

Estimated Population, 118,737.

Non-Resident Deaths, 98

General Death Rate 11.40

Adjusted Death Rate, 10.57

Respectfully Submitted,

ELIZABETH E. SUMNER,

Chief Clerk.

REPORT OF FIELD DIRECTOR

January 2, 1929

To the Board of Health,

Gentlemen:

I herewith submit my report for the year ending December 31st., 1928.

Infant Welfare.

The nurses employed in this branch of our work are now able to do the clinic work assigned them and cover the field work well as the number of births has decreased for the past two years.

There were 41,399 home visits made by our nurses during the year. There were 3885 old cases and 2111 new ones to be looked after. Of these visits 15,833 were made to babies under one year 13,346 to children between one and two years, 12,031 to children between two and five years, 180 to children between 5 and six years and 9 visits were made in response to special calls from mother who need advice and instruction.

Well-Baby Clinics.

During the year 301 well-baby clinics were held. We now have three places at the north end of the city where such clinics are held, two at the south end and one at the centre. The total attendance at our clinics was 7,461 and of this number 1,020 were new babies. Babies given physical examinations, and only new babies are given such examinations, numbered 633. The total number of feedings prescribed was 1158. There were 98 babies referred to the physicians for other reasons. This shows that the physicians had 1889 cases to deal with.

In addition to our Well-Baby clinics there were held during the year 12 clinics for children of pre-school age with a total attendance of 96. This is a very important part of child health work and should be developed when the financial condition of the city can make it possible. The mothers who brought their children to these clinics showed great appreciation of them and a willingness to cooperate with the physician and nurses in attendance. Through the work of such clinics many children will be enabled to enter school free from disabilities they would otherwise have to suffer from.

BOARD OF HEALTH

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The nativity of the mothers of new babies brought to our Well-Baby and Pre-School clinics is shown by the following table.

| | St. Andrew's | De Vales | Washburn | City Mission | Centre | No. Front | Pre- School | Total |
|---------------------------|-----------------|-------------|----------|-----------------|--------|--------------|----------------|-------|
| New Bedford | 34 | 69 | 85 | 53 | 71 | 32 | 17 | 361 |
| Massachusetts | 37 | 13 | 12 | 20 | 42 | 11 | 6 | 141 |
| United States | 14 | 3 | 6 | 10 | 21 | 9 | 14 | 77 |
| Canada | 29 | 0 | 4 | 13 | 2 | 23 | 9 | 80 |
| Ireland | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 4 |
| England | 20 | 2 | 1 | 23 | 6 | 4 | 6 | 62 |
| Azores | 8 | 3 | 5 | 5 | 5 | 27 | 0 | 53 |
| Portugal | 11 | 54 | 20 | 22 | 1 | 9 | 15 | 132 |
| Madeira | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 4 |
| Cape Verde | 0 | 0 | 0 | 2 | 23 | 0 | 14 | 39 |
| Greece | 1 | 0 | 3 | 0 | 0 | 1 | 4 | 9 |
| Austria | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| Russia | 0 | 2 | 2 | 1 | 4 | 0 | 2 | 11 |
| Nova Scotia | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| Poland | 0 | 0 | 6 | 2 | 0 | 7 | 5 | 20 |
| Italy | 0 | 0 | 1 | 3 | 4 | 3 | 2 | 13 |
| Syria | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 2 |
| Albania | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Newfoundland | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Brazil | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 3 |
| France | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| Scotland | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Prince Edward Island | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| Bohemia | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |

It has been a great satisfaction to have the nursing work done for communicable diseases given to this department. It rightly belongs here and enables our nurses to establish another and valuable point of contact with the family.

There were 1,103 such cases referred to this department and 2,568 visits made by our nurses to whom the cases were referred. Sometimes heroic work has been called for in ministering to these cases but our nurses have never failed to meet the need. At times nursing care by day and night has been imperative and it has been supplied from our staff.

In 1926 there were 162 deaths of infants under one year; in 1927 there were 187. Of these 187 cases, 88 died from causes over which we as yet have little or no control. The causes of death were given as follow:—

Prematurity 31, other diseases peculiar to infancy, such as Asphyxia, Atelectasis, 27, Congenital debility 11, Congenital Malformation of the Heart, 19.

Thus we have 47% of the deaths due to causes that are beyond the reach of our nursing control. Of the total number (187) of deaths under 1 year 100 occurred during the first month of infancy. A startlingly large percentage of infant deaths everywhere occurs during the first month. Some of the causes of this high mortality are known, others are but suspected. It is, however, the general consensus of opinion of eminent physicians that adequate pre-natal care and competent obstetrical service can materially reduce this high rate of mortality during what now seems to be the most critical time in an infant's life. This is a field in which much needs to be done here as elsewhere.

The number of births for the year was 2453, the number of deaths of infants under one year 187. This gives us a mortality rate for such infants of 76.23.

Work for the reduction of infant mortality in our city was begun twelve years ago. Has it accomplished anything worthwhile? The mortality statistics for those years prove, I believe, that it has. The average mortality for the twelve years preceding the beginning of the work was 143.06; that of the twelve years during which the work has been carried on 104.26. This is assuredly a gratifying reduction especially when we remember that for several years after the work was started the nurses employed to do it were altogether too few to cover the city. Our mortality rate for infants for the past five years has averaged but 80.09.

Tuberculosis Work.

The three nurses assigned to follow-up work made 9,383 visits during the year. In addition to this work they also assisted at the three weekly clinics held in the Olympia building. They had under their supervision 1,618 patients.

It is gratifying to find an increasing number of persons reported as having pulmonary tuberculosis willing to receive hospital treatment. There can be no doubt that the hospitalization of such cases is a great protection to the community as well as a great advantage to the patient. We yet need, however, to emphasize the importance of early diagnosis. The toll of life taken by this disease in early manhood and womanhood is distressingly high. There must be constant vigilance on the part of physicians and laymen if any decided cut in the death rate is to be made in the future.

Parochial School Work.

Our medical inspectors made 4800 examinations for tonsils and adenoids during the past year and found 1232 cases in need of treatment. They made 1,148 physical examinations. Of the children thus examined 716 were found to be normal. The others were reported as having enlarged glands, heart conditions needing treatment and tonsillectomy was advised for 400 cases.

Our two nurses have all that they can do to follow up such cases besides taking care of the sight and hearing tests and weighings that are done in the schools. They made 704 visits to the schools, 11,450 class inspections and 856 home visits. They referred 741 cases to physicians and clinics.

As a result of their work 182 children had operations for tonsils and adenoids, and 80 were supplied with glasses to correct defective vision.

Dental Work.

We now have four clinics where repair work is being done and emergency cases cared for. The work of our clinic is now well systematized and encouraging results are being accomplished. The repair work done in the clinics is confined to the permanent teeth, particularly the six-year molars. Most of the parents of the children we have to deal with apparently look upon these teeth as temporary and decay goes uncared for until the tooth is beyond repair.

Three years ago the number of first molars needing extraction was appalling. Now, however, by concentrating our efforts on the care of these important teeth we have comparatively few extractions. At present this work has to be confined to the kindergarten and first two grades. Next year it can be extended over the third and probably fourth grades so that all children in our primary grades will have their molars in good condition. The work done at our clinics is given in detail by Dr. Gibbons for whose harmonious cooperation I wish to express my heartfelt gratitude.

We are now employing but four dental hygienists. At the beginning of the year we had six, but two resigned before the expiration of the year. Until our city recovers from the effects of the prolonged strike and its industrial life is brought back to normal I do not think it would be wise to add to our present staff. All the children in the grades that we cover will receive prophylactic treatments, only they will not be as frequent as they were. It speaks well for the young women who are doing this work that over 96% of the children are glad to have them clean their teeth. During the cleaning, the children are given instruction as to the proper care of the teeth and the kind of food they should eat in order to keep them in good condition.

Our dental hygienists gave 8,501 prophylactic treatments during the year. They also gave a measure of protection to 7648 six-year molars by applying silver nitrate to them.

We are just beginning to realize the importance of dentistry for children. Its importance to health cannot be overestimated and we have a right to be thankful for what is being done and may well believe that the scope of the work will be broadened as time goes by.

Respectfully submitted,

WILLIAM B. GEOGHEGAN,

Director of Field Work.

REPORT OF DENTAL CLINICS

John H. Clifford and Sarah D. Ottiwell School Clinic.

Fillings:

| | |
|---|------|
| Silver Nitrate, Copper Cement and Plain Amalgam | 1 |
| Copper Cement Fillings | 28 |
| Amalgam | 1128 |
| Silver Nitrate—Copper Amalgam | 15 |
| Cementlining and amalgam | 14 |
| Amalgam over sterident | 8 |
| Oxpana and Amalgam | 2 |
| Silver Nitrate and sterident | 2 |
| Removed Amalgam, put in cement | 1 |
| Temporary Stopping and Cotton Points | 1 |

Extractions:

| | |
|-----------|-----|
| Temporary | 489 |
| Permanent | 89 |

Treatments:

| | |
|------------------|-----|
| Gum Lanced | 4 |
| Formocresol | 3 |
| Eugenol Dressing | 1 |
| Iodine | 23 |
| Oil of Cloves | 10 |
| Carbolic Acid | 2 |
| Teeth Opened | 10 |
| Sterident | 53 |
| Silver Nitrate | 612 |

Respectfully submitted

BLANCHE ELLIS,

Dental Assistant.

JOHN GIBBONS, D. M. D.

Supervisor 1928

REPORT OF DENTAL CLINIC

Robert C. Ingraham Clinic.

Fillings :

| | |
|------------------------------|-------|
| Copper Amalgam | 626 |
| Amalgam | 451 |
| Copper Cement | 44 |
| Black Cement | 4 |
| Silver Cement | 23 |
| Eugenol Zinc Oxide Rosin | 50 |
| Copper Cement and Zinc Oxide | 2 |
| Eugenol Paste and Varnish | 2 |
| Varnish and Copper Cement | 1 |
| | <hr/> |
| | 1203 |

Extractions :

| | |
|-----------|-------|
| Temporary | 373 |
| Permanent | 62 |
| | <hr/> |
| | 435 |

Treatments :

| | |
|---------------------------|-------|
| Lanced Abscess | 2 |
| Wash Out Extraction Wound | 4 |
| Ground Bite | 2 |
| Ground Fissure | 2 |
| Opened Tooth | 7 |
| Tooth Vented | 1 |
| Phenol and Eugenol | 1 |
| Gutta Percha | 1 |
| Iodine | 7 |
| | <hr/> |
| | 27 |

Respectfully submitted

IDA B. HOYE,

Dental Assistant.

JOHN GIBBONS, D. M. D.

Supervisor 1928

BOARD OF HEALTH

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TRAVELLING CLINIC.

Fillings :

| | |
|-------------------------|-------|
| Copper Amalgam Fillings | 1304 |
| Copper Cement Fillings | 44 |
| Amalgam Fillings | 57 |
| | <hr/> |
| | 1405 |

Extractions :

| | |
|-----------|-------|
| Temporary | 417 |
| Permanent | 28 |
| | <hr/> |
| | 445 |

Treatments :

| | |
|-----------------|-------|
| Iodine | 64 |
| Eugenol | 2 |
| Zinc Oxide | 19 |
| Pro-Tem | 2 |
| Lancing Abscess | 2 |
| | <hr/> |
| | 89 |

Respectfully submitted

MOLLIE G. LAFFERTY,

Dental Assistant.

JOHN GIBBONS, D. M. D.

Supervisor 1928

BOARD OF HEALTH
ANNUAL REPORT
COOK SCHOOL DENTAL CLINIC

Jan.—May

1928

Nov.—Dec.

Fillings:

| | |
|----------------------------|-------|
| Amalgam | 165 |
| Amalgam with cement lining | 42 |
| Copper amalgam | 904 |
| Copper Cement | 54 |
| Eugenol and zinc oxide | 15 |
| | <hr/> |
| | 1180 |

Extractions:

| | |
|-----------|-----|
| Temporary | 558 |
| Permanent | 47 |

Treatments:

| | |
|-----------------|----|
| Cauterization | 1 |
| Cloves | 19 |
| Extripated Pulp | 9 |
| Formo-creosol | 12 |
| Iodine | 50 |
| Phenol | 4 |

Respectfully submitted,

FLORENCE PERRY,

Dental Assistant.

JOHN GIBBONS, *D. M. D.*

Supervisor 1928

REPORT OF MEDICAL INSPECTOR

New Bedford, Jan. 2, 1929

To the Board of Health,

Gentlemen :

My report as medical inspector and attending physician to contagious cases for the year ending December 31, 1928 is herewith submitted :

| | |
|------------------------|-----|
| Cultures taken | 557 |
| Scarlet Fever releases | 91 |

Investigated 162 cases of which 55 were tubercular and 10 typhoid.

Made 93 calls as attending physician to patients, for the department, 7 of which were to infants under 1 year of age.

Signed 11 certificates of death, there being no attending physician at time of death.

Respectfully submitted

A. N. SENESAC, M. D.

REPORT OF BACTERIOLOGIST

New Bedford, Mass., Jan. 1 1929

To the Board of Health,

Gentlemen :

I herewith submit my report for the year ending December 31, 1928 :

Diphtheria :

| | |
|---|-----|
| Whole number of cultures examined | 952 |
| Whole number of cultures positive | 92 |
| Whole number of cultures negative | 849 |
| Whole number of cultures unsatisfactory | 11 |

Tuberculosis Pul :

| | |
|--|----|
| Whole number of specimens examined | 21 |
| Whole number of specimens positive | 20 |
| Whole number of specimens negative | 95 |
| Whole number of specimens unsatisfactory | 6 |

Tuberculosis Pul : Sassaquin Sanatorium :

| | |
|------------------------------------|----|
| Whole number of specimens examined | 74 |
| Whole number of specimens positive | 74 |

Typhoid Fever

| | |
|-----------------------------|---|
| Whole number Widal Reaction | 6 |
| Whole number negative | 6 |

Gonococcus :

| | |
|---------------------|-----|
| Whole number—clinic | 148 |
| Whole number—office | 97 |

Respectfully submitted

A. H. MANDELL, M. D.

Bacteriologist

REPORT OF THE VENEREAL DISEASE CLINIC

New Bedford, Mass., Jan. 1, 1929

To the Board of Health,

Gentlemen :

I hereby submit my report as Chief of the Venereal Disease Clinic :

| | |
|---|------|
| Number of patients examined | 744 |
| Number of new patients | 400 |
| New admissions Syphilis | 126 |
| New admissions Gonorrhea | 93 |
| Readmissions | 66 |
| Number of patients discharged | |
| Probably cured | 40 |
| With permission | 72 |
| Without permission | 175 |
| Number of visits for treatment and advice | 7441 |
| Number of Sulfarsphenamine treatments | 1529 |
| Number of Wasserman tests | 270 |
| Number of Smears for Gonococcus | 148 |

Respectfully submitted

A. H. MANDELL, M. D.

Chief of Clinic.

REPORT OF OCULIST

New Bedford, Jan. 28, 1929

To the Board of Health,

Gentlemen :

I submit the following report as oculist to the Board of Health for the year ending December, 31, 1928 :

| | |
|----------------------------|------|
| Number of Visits | 1192 |
| Ophthalmia Neonatorum | 14 |
| Suppurative Conjunctivitis | 130 |
| Simple Conjunctivitis | 29 |
| Keratitis | 2 |
| Blepharitis | 1 |
| Eczematous Conjunctivitis | 1 |

Respectfully submitted

ALPHONSE NORMANDIN, M. D.

Oculist

BOARD OF HEALTH

M 49

REPORT OF T. B. CLINIC

New Bedford, Jan. 1, 1929

To the Board of Health,

Gentlemen :

I herewith submit my annual report as chief of the T. B. Clinic :

| | |
|-------------------------------|------|
| Number Patients Examined | 1815 |
| Number Re-examinations | 1312 |
| Number of New Pulmonary Cases | 83 |
| Number Suspicious Cases | 124 |
| Not Tuberculosis | 367 |
| T. B. Glands | 119 |
| T. B. Bones | 6 |
| Hilum Tuberculosis | 37 |
| Sanatorium Treatment advised | 105 |
| Home Treatment advised | 0 |
| Lamp Treatment advised | 25 |
| Arrested Cases | 65 |

Respectfully submitted,

J. M. Wise, M. D.

Chief of Clinic

REPORT OF PUBLIC VACCINATOR

New Bedford, January 1, 1929

To the Board of Health,

Gentlemen :

During the year ending December 31, 1928, there were vaccinated by me at the office of the Department, 2,147 persons. In addition to the above there were immunized 158 children, and at the office 218 children.

Respectfully submitted,

L. K. DORAN, M. D.

Public Vaccinator

REPORT OF INSPECTOR OF MILK & PROVISIONS

New Bedford, April 2nd, 1929

To the Board of Health,

Gentlemen :

I herewith submit my report for the year ending December, 31, 1928.

| | |
|---|------|
| Number of Milk Dealers Licenses Issued | 63 |
| Number of Milk Dealers Licenses Revoked | 5 |
| Number of Milk Dealers Licenses Suspended | 3 |
| Number of Milk Dealers Sold Out | 8 |
| Number of Milk Dealers Remaining | 50 |
| Number of Cream Licenses Issued | 3 |
| Number of Store Licenses Issued | 748 |
| Number of Pasteurizing Plants | 44 |
| Number of Dealers Selling Grade "A" Milk | 1 |
| Number of Dealers Selling Certified Milk | 1 |
| Number of Dealers Selling Tubereulin | |
| Tested Cows Milk | 3 |
| Number of Farms Recorded in 1928 | 491 |
| Number of Farm Permits Revoked | 8 |
| Number of Farm Permits Suspended | 7 |
| Number of Farms Sold Out or Selling Elsewhere | 61 |
| Number of Farms Remaining | 422 |
| Number of Cows Excluded For Strept and Pus | 32 |
| Number of Dairy Plant Inspections | 1533 |
| Number of Farm Inspections | 2492 |
| Number of Bacterial Examinations of Milk | 2031 |
| Number of Chemical Analyses of Milk | 1716 |

Average of Samples Taken During the Year 1928

| | Fat | Total Solids | Bacteria Per C. C. |
|-------------------|------|--------------|--------------------|
| Pasteurized Milk | 3.57 | 12.16 | 80,000 |
| T. B. Tested Milk | 4.20 | 13.03 | 10,000 |
| Grade "A" Milk | 4.11 | 12.96 | 6,000 |

My appointment by the Board of Health as Inspector of Milk and Provisions created a vacancy of one Dairy Farm Inspector which has not been filled.

Due to this fact routine inspection has been curtailed somewhat and more stress laid upon complaints received into this office.

More time has also been spent in eliminating sources of trouble and preventing their occurrence and the results obtained have been very gratifying.

Changes in the State Pasteurizing Laws have necessitated a great deal of additional work in order to have the dealers conform to these requirements within a reasonable length of time.

Respectfully submitted,

ALPHEGE A. LANDREVILLE,

Inspector of Milk.

REPORT OF INSPECTOR OF PROVISIONS

New Bedford, Feb. 14, 1929

To the Board of Health,

Gentlemen:

My report as Inspector of Provisions is herewith submitted:

During the year, the bakeshops have been visited once a month and in some cases oftener as occasion required. There has been the usual change of ownership and location and going out of business of some and a few new ones coming in. Withall, the standard is gradually improving, though conditions are not yet faultless.

The sausage factories have been inspected before being licensed, as have also the ice cream and bottling plants. Restaurants, provision stores and cold storage plants have been inspected.

There have been 131 licenses issued for the sale of oleomargarine for which a fee of fifty cents each has been collected and \$65.50 turned over to the city treasurer; receipts for which are on file.

Respectfully submitted

H. B. HAMILTON,

Inspector of Provisions

REPORT OF INSPECTOR OF SLAUGHTERING

New Bedford, January 1, 1929

To the Board of Health,

Gentlemen :

I herewith submit my annual report for the year ending December 31, 1928:

INSPECTIONS FOR 1928

| | Cattle | Calves | Hogs | Sheep | Goats | Elks |
|-------|------------|-----------|-----------|---------|---------|---------|
| Jan. | 103 | 68 | 26 | 1 | | |
| Feb. | 88 | 83 | 45 | | | |
| Mar. | 93 | 100 | 17 | | | |
| April | 107 | 122 | 13 | | | |
| May | 83 | 88 | 9 | | 1 | |
| June | 64 | 80 | 10 | 1 | | |
| July | 75 | 74 | 4 | | | |
| Aug. | 80 | 58 | 12 | | | |
| Sept. | 70 | 43 | 40 | | | |
| Oct. | 99 | 42 | 49 | | | 1 |
| Nov. | 98 | 71 | 112 | 2 | | 1 |
| Dec. | 69 | 56 | 73 | | | |
| | <hr/> 1029 | <hr/> 885 | <hr/> 410 | <hr/> 4 | <hr/> 1 | <hr/> 2 |

10 cattle condemned for being tubercular

2 cattle condemned unfit for food.

Respectfully submitted

EDGAR E. CORY,

Inspector.

REPORT OF INSPECTOR OF PLUMBING

New Bedford, Jan. 7, 1929

To the Board of Health,

Gentlemen :

Following is the work by the Inspectors of Plumbing for the year ending December 31, 1928 :

Inspections of plumbing, investigations of
nuisances and defective plumbing and in-
spection of relief valves 3322

Respectfully submitted,

WILLIAM DEACON,

ERNEST G. PARKER

Inspectors of Plumbing.

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IN BOARD OF ALDERMEN

June 13, 1929

Received, ordered printed in the city
documents, and sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL

June 13, 1929.

Concurred,

RUTH G. HILTON,

Clerk.

ANNUAL REPORT

OF THE

Inspector of Animals

TO THE CITY COUNCIL

FOR THE YEAR 1928



1929
Bradbury-Waring, Inc
Printers

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,
January 24, 1929.

Received, ordered printed in the city documents, and
sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,
January 24, 1929.

Concurred.

RUTH G. HILTON,
Clerk.

New Bedford, Jan. 1, 1929.

*To the Honorable Mayor and
Board of Aldermen:*

My report as Inspector of Animals for the city of New Bedford for the year 1928 is herewith submitted.

The regular inspection of all cattle, sheep and swine was made by order of Director of the Division of Animal Industry during January and February and a detailed report of the health and housing conditions was made to him when the work was finished. There were at that time, 291 cows, 33 other cattle, 136 pigs, several goats and a few sheep, all in good health and well housed. No case of glanders was found and only one case of rabies during the year. A stray dog, coming into the north part of the city, entered a house and bit a child to whom anti-rabic treatment was given and the child at present shows no indication of any trouble.

Respectfully,

H. B. HAMILTON,

Inspector of Animals.

ANNUAL REPORT
OF THE
INSPECTOR OF WIRES
TO THE CITY COUNCIL

For the Year 1928



1929
BRADBURY-WARING, INC.
Printers

ANNUAL REPORT

New Bedford, January 14, 1929.

To His Honor the Mayor and City Council of the City of
New Bedford:

Sirs: I respectfully submit my annual report of this
department from November 30, 1927 to December 1, 1928.

INSPECTION OF INSIDE WORK

During the year have made 5,180 inspections.

Have issued to the New Bedford Gas & Edison Light
Company 1,792 permits to connect electric services.

Sent out to the contractors and property owners 1,850
reports on defective wiring.

Have issued 1,330 certificates on rough work.

REMOVAL OF OVERHEAD WIRES AND CONSTRUCTION

The work installed in 1927 in Acushnet Ave., from
Nash Road to Lunds Corner, was the 1928 work as per
agreement of May 6, 1927.

OUTSIDE WORK

During the year I have investigated and reported to
the Mayor and Board of Aldermen on 127 petitions of wire
using companies, involving 631 poles and 6 conduit peti-
tions.

INSPECTOR OF WIRES

POLICE SIGNAL SYSTEM

During the year ending December 1, 1928, the following work has been accomplished: one new signal box has been installed requiring the extension of overhead line for a distance of 1,800 feet; four boxes have been relocated; the changing of locations has required the installation of 750 feet of cable with the placing of one new iron box pedestal.

Overhead line has been replaced for a distance of 310 feet, and underground cable has been replaced for a distance of 458 feet. The system is in good working condition.

Respectfully submitted,

WILLIAM P. BRIGGS,

Inspector of Wires.

INSPECTOR OF WIRES

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

January 24, 1929.

Received, ordered printed in the city documents, and
sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

January 24, 1929.

Concurred.

RUTH G. HILTON,

Clerk.

The Seventy-seventh Annual Report
OF THE
TRUSTEES
OF THE
FREE PUBLIC LIBRARY
CITY OF NEW BEDFORD
MASSACHUSETTS
For the Year 1928



THE A. E. COFFIN PRESS—PRINTERS
NEW BEDFORD, MASS.
1929.

Officers of the Free Public Library

FOR THE YEAR 1929.

Trustees.

Ex-Officio Terms expire January, 1931
 CHARLES S. ASHLEY.....Mayor of the City
 OSCAR D. KELLEHER.....Pres. of the Board of Aldermen
 BERNARD KESTENBAUM.....Pres. of the Common Council

Elected by the City Council.

| | |
|---------------------|--------------------------|
| FRANK E. RAMSDELL, | Term expires April, 1929 |
| ROBERT A. BARTLETT, | Term expires April, 1929 |
| FRANK A. MILLIKEN, | Term expires April, 1930 |
| ALICE P. SHOCKLEY, | Term expires April, 1930 |
| CHARLES M. HOLMES, | Term expires April, 1931 |
| IRVING W. COOK, | Term expires April, 1931 |

Committee.

On Library.....MESSRS. MILLIKEN AND HOLMES
 On Buildings.....MRS. SHOCKLEY
 On Finance.....MR. HOLMES
 On Branches.....IRVING W. COOK

Librarian.

GEORGE H. TRIPP,

Assistant Librarian

CLEMENT L. YAEGER.

Cataloguer

ANNA M. DeWOLF.

Librarian's Secretary

MINERVA F. MAXFIELD.

Heads of Departments

| | |
|-------------------------|------------------------|
| ALICE H. TRIPP..... | Reference Librarian |
| JANE E. GARDNER..... | Art Librarian |
| DOROTHY M. HYDE..... | Children's Librarian |
| GRACE D. SHERMAN..... | Circulation |
| L. GERTRUDE WILCOX..... | Genealogical Librarian |
| GRACE F. LYMAN..... | High School Librarian |

Desk Attendants and Assistants.

| | |
|--------------------------|-----------------------------|
| EDITH H. BRODHEAD..... | Delivery Desk |
| EDITH H. COBB..... | Ingraham Hall |
| FLORENCE E. FARWELL..... | Catalogue and Ingraham Hall |
| ETHEL WILCOX..... | Children's Room |
| HELEN S. KENNEDY..... | Accession Room |
| LENA D. PAULL..... | Accession and Delivery Desk |
| STELLA M. FERGUSON..... | Accession and Art Room |
| MARIA E. MAXFIELD..... | Catalogue and Art Room |
| ANNA CABRAL..... | Accession and Hospital |
| JANE E. THURSTON..... | Children's Room |
| MARION H. BONNER..... | Reference Room |

Branches

| | |
|------------|------------------------------|
| North..... | ELSIE COLLINS, AMANDA DION, |
| South..... | CAROLINE AKIN, HELENA LEDOUX |
| | HELENA LEDOUX |

| | |
|-----------|----------------|
| West..... | CLOTILDA KOBZA |
|-----------|----------------|

Pages.

Head Page—Abbie F. Reed

| | | |
|-------------------|---------------------|----------------|
| Louise E. Kruger | Grace V. Hebert | Gerin Sylvia |
| Florence Dixon | Olive Medeiros | J. Colby Lewis |
| Edward McWilliams | Kathleen U. Lawless | |

Elevator

Alfred Mayall

Thomas Carman

Janitors.

| | | |
|--------------------|--------------------|--------------------|
| Dennis J. Mahoney, | George Sutherland, | Garrison L. Oliver |
| | Mary Watson. | |

TRUSTEES' REPORT

*To the Honorable, the City Council of the City of New
Bedford, Mass.*

The trustees present their seventy-seventh annual report to the City Council in the Report of the Librarian, which has been adopted by the Board.

Respectfully submitted,

BOARD OF TRUSTEES,

GEORGE H. TRIPP,

Clerk of the Board.

LIBRARIAN'S REPORT

To the Trustees of the Free Public Library.

They who come to the library for help usually need assistance in one of three or four different lines. They either come for miscellaneous information; for information on subjects bearing directly on their business; for light, or recreational, reading; for mental stimulus, and for cultural reading. The distinction between these different motives which lead the public to ask for help is not well defined. It has been said that some make a pleasure of business, while others make a business of pleasure, and often-times the two are intermingled. There should be no discrimination in the service at the library in proffering aid to any seeker after help. In a library of over 200,000 books, nearly all legitimate demands can be readily met, but since all libraries are co-operative in freely lending their resources to one another, it is our duty to get assistance from other libraries if the material wanted is not on hand. So it is found in all libraries, great and small, that there is a constant exchange of books and pamphlets which meet the demands of various communities.

CIRCULATION OF BOOKS.

Usually there is a constant increase in the use of the books in the library, but the past year has been exceptional in that the number of books issued for home reading is over 80,000 more than in 1927. There were 652,000 books issued in 1928, and 58,204 pictures. The per capita circulation was something over five. In a list made four years ago of 41

libraries of over 100,000 this would have put us in the eighth place, only 7 of the 41 circulating more books per capita.

The Kempton Fund, the largest bequest ever made to our library, first became available in 1908. In that year the circulation of books was 117,832. No bequest which can be used for ordinary library book purchases has been received since that time, so it will be seen that last year the outside use of library books has increased over five-fold with the same amount of money available, the prices of books having doubled in the meantime. Unless some part of the library appropriation be used for book purchases, it would seem imperative that additional book funds should be secured. There is a tempting opportunity for some friend of the library to give directly, or bequeath by will, a sum of money which may help to relieve the great pressure on our book funds.

HOSPITAL SERVICE.

Work at the hospital has been continued with good results. The patients seem to be very appreciative of the opportunity to use books and magazines provided by the library. During the year 9,364 books and magazines were circulated, something over 1,000 more than during the previous year.

MEETINGS IN THE LIBRARY.

620 meetings were held in 1928 by 65 different organizations.

BOOK TALKS.

The Book Talks have been continued as usual to increasing audiences. The talks attracted larger audiences than ever before, and the subjects as presented by local speakers proved most attractive.

The list of Book Talks is as follows,

Lecture Hall, on Mondays, 4:30 p. m.

| | |
|--|-------------|
| Rev. E. Stanton Hodgin. | January 9 |
| Rolvaag.—Giants in the Earth. | |
| Oliver Prescott, Jr. | January 16 |
| Ludwig.—Bismarck. | |
| Susan B. Gifford. | January 23 |
| Life and Letters of Gertrude Bell. | |
| Frederic J. Hayford. | January 30 |
| Something About Poetry—more or less. | |
| Rev. H. B. Williams. | February 6 |
| Martin.—The Meaning of a Liberal Education. | |
| Edwin R. Thomas. | February 13 |
| Mayo.—Mother India. | |
| Mrs. John M. Trout | February 20 |
| Davies.—Short History of Women. | |
| Albert E. McGrath. | February 27 |
| Memoirs of Saint-Simon (Louis de Rouvroy duc de Saint-Simon). | |
| Rev. George D. Owen: | March 5 |
| Pupin.—The New Reformation. | |
| Edward T. Pierce, Jr. | March 12 |
| Trader Horn. | |
| Mrs. Alexander G. Grant. | March 19 |
| Works of Willa Sibert Cather. | |
| Edwin O. Baker. | March 26 |
| Roguery in Literature. | |
| Winifred L. Johnson. | April 2 |
| The whimsicalities of J. M. Barrie. | |
| George H. Tripp. | April 9 |
| Outstanding Books of 1927. | |

UNIVERSITY EXTENSION.

The Massachusetts University Extension Courses have been given to advantage to appreciative classes on the following subjects—literature, psychology, mental hygiene, and art appreciation.

LIBRARY TRAINING CLASS.

The library training class was conducted as usual by the Librarian, covering twenty-two lessons extending over three months, to a very enthusiastic class of twelve, largely recruited from the graduating class of the High School. The purpose of this training class is primarily to interest young women in the work of the library, fitting them, in a way, for whatever might be their future occupations. Incidentally, one or two of the girls from each class have proved to be acceptable substitutes for summer work.

EXHIBITIONS.

The principal exhibition of the year, outside the pictures displayed on the large easel on the top floor, was of pictures connected with the ter-centenary of John Bunyan's birth.

PUBLICATIONS.

The only important publication of the year outside the annual report and library bulletins was a List of the Important Books of 1927. This list was circulated from the main desk and reading rooms.

GIFTS.

The most important gift of the year was the library of Daniel Ricketson, presented in the bequest of Miss Anna Ricketson, his daughter. Miss Louisa Ricketson, a granddaughter, gave to the library three paintings two of them being especially valuable as copies of notable Turner paint-

ings—Venetian scenes which are remarkable and most attractive copies of the originals. They hang in the Art Room.

By will of William A. Mackie, a valuable collection of books was given to the library, with the understanding that the books needed should be selected by the Librarian.

Mrs. H. M. Plummer presented a bronze copy of the Farnese Bull which had been in the library a number of years, loaned by Mr. Plummer.

We have recently received from the Hispanic Society of New York 536 photographs of Spain and Latin America. These are kept in the Art Room, and are available for circulation. They should prove of particular value at this time when Mr. Hoover's tour through South America has accentuated the interest in the affairs of that great continent.

Our thanks are due to the Boston Public Library for service in lending books which were not on our shelves.

The Evening Standard has kindly published weekly lists of additions, a service which is appreciated by the Library and by the Public.

Thanks are due to Mrs. George A. Fuller of Acushnet, who has at various times given flowers for the Delivery Desk.

We are greatly indebted to Murray the Florist, and his able assistant, Miss Mary Mowatt, who have given many flowers to decorate the library desk and rooms.

INGRAHAM HALL.

Ingraham Hall has been used by more readers during the past year; 114,00 volumes were given out from the desk in this room.

ART ROOM.

The work in the Art Room has been carried on with customary efficiency. Various items referring to that depart-

ment have already been mentioned under the head of Gifts, Exhibitions, etc. The Picture Collection is gradually assuming large proportions, and by the number of pictures circulating each year, it will be seen that the service is greatly appreciated, especially by the teachers and pupils in the schools.

Many organizations, especially the Garden Club find books bearing on the subjects in which they are particularly interested.

The Art Room is called upon for help frequently in assisting those studying such allied subjects as the fine arts, architecture, landscape gardening, horticulture, antiques, etc.

GENEALOGICAL ROOM.

The Genealogical Room has been in charge, during the past year, of Miss L. Gertrude Wilcox, on the transfer of Miss Tripp to the Reference Room. The work during the year has continued on the previous lines; the genealogical material in the Boston Transcript has been cut and arranged alphabetically and pasted in the scrap books. This collection has been carried on since 1902, and is of value as furnishing material otherwise not accessible.

The local papers are checked; clippings of importance on local matters have been arranged and classified.

The Pierce Papers have been arranged in pamphlet covers, pictures catalogued for the picture file, and the New Bedford items from the Boston Sunday Globe have been pasted and classified up to date.

REFERENCE ROOM.

In the Information Department Miss Alice H. Tripp has served as Reference Librarian, assisted by Miss Marion H. Bonner, elected to the staff a year ago. The work has

gone along smoothly, and those in charge have constantly manifested an interest and desire to cover the great amount of work entailed on that department.

Reading lists available for help especially for students at the High School have been held in reserve for their use; also reading lists available for consultation have been provided; one new business magazine, "Forbes", has been added.

Several pictures have been hung on the walls which tend to beautify the room and add to the pleasure of the readers.

Inter-library loans have been distributed among various towns covering the Cape, Vineyard, Attleboro, Middleboro, Marion, South Dartmouth, etc.

It might be of interest to the trustees and to the public to mention a few of the very many questions which come into the Reference Room. Some of these questions may seem trivial, but it is impossible and unprofitable to consider the motives back of the questions asked. We consider that all questions that come in to that department should receive proper consideration.

When was Niagara practically dry for a day?
A magazine that junk dealers would subscribe to.
Name of Lot's wife.
Origin of Christmas.
Innumerable questions on whaling.
Vincente Riva, palacio.
Mexico through the ages.
Knots.
How to roast a little pig.
Life of St. Theresa.
Criticism of the Russian drama.
Direct route to Waltham without going to Boston.
Inquiries about the Bourne Whaling Museum.
Rules for basket ball.
History of money.

Salt water ballads and chanties.

Polish books; also those written partly in English.

Cancer.

Indian dances.

Jewish holidays.

BRANCHES.

During the labor troubles of the summer, the North Branch was visited by many adults who had not previously availed themselves of the privileges of that well-equipped library. More and more it becomes apparent that a crying need is the establishment of a branch library in the north part of the city, at least a mile north of its present location. The branch at present is in a very unsatisfactory location, as its principal clientage comes from very far north of the police station which it now occupies. The work with the children is very much hampered by the fact that only a small part of the one room devoted to library purposes can be given to their accommodation.

Many courtesies have been extended to the branch by the officers on the floor below. The librarian expresses herself in very appreciative terms of "the blessings which an officer in uniform confers upon a crowded library room."

In the South Branch each year shows an increasing circulation and appreciation of the value of the new building. During the past year the total circulation of this branch amounted to 92,995 books, the adult circulation being nearly 8,000 more than the juvenile. Besides the books and magazines circulated there was a distribution of over 1,000 pictures.

Although owing to its location the West Branch has not circulated as many books as the others, the work has been carried on with equal efficiency.

SCHOOL CIRCULATION.

The Junior High Schools have circulated a great many books during the year. The collections in the two schools number about 2,500 volumes; and the home use of the books 9,195 Roosevelt, and 10,958 Normandin.

The books circulated from the elementary schools were 137,076.

The branch library in the High School continues to give good service to the pupils in that building; largely reference work, and activities centering around the High School library. The books sent out of the building for home use were 1,661.

JUVENILE ROOM.

The Juvenile Room has been a busy place during the year; children and their parents have flocked there to get books and information about books.

The circulation from this room during 1928 was 70,640, an increase of 8,000 over the preceding year.

This room has also charge of the stamping, lettering, shelving, and records concerning the School Collection, now numbering over 10,000 outside the High Schools.

The use of the Children's Room is explained to new readers, examinations are given for the State Reading Lists, and certificates given to those who have read a certain number of specified books.

Books which need it are washed and re-lettered; 600 volumes have been given minor repairs, exhibits at various times are given in the room, notably at Christmas time and Book Week; a special exhibit for circus week was appreciated.

The report of the Juvenile Librarian which will be

printed with the Annual Report is well worth reading, showing the varied activities of the people in charge of that room.

The Librarian in charge, Miss Hyde, has been in constant demand by various groups who want to know of the best reading for children, and by means of her activities not only inside the building but outside, the general public is getting information about the important subject of what is best for children to read. In May and June the Children's Librarian gave a series of lessons to the Child Care Class at the Girl's Continuation School. She also spoke before the Woman's Club, the Alcott Club, and to three Mother's Clubs.

In April Mrs. Elizabeth Cleveland Miller gave a costume talk on Albania for the children and their parents. The Lecture Hall was so crowded that the talk had to be repeated.

In December a Christmas tree and Christmas decorations delighted the children who were given an extra story hour.

DO YOU KNOW.

About twenty years ago we printed a sheet in English and French with the title, "Do You Know". Recently the Springfield Library has published a similar list entitled "Has It Occurred to You." I think it might be advisable to bring such a list up-to-date.

DO YOU KNOW.

That in the Reference Room there is a great amount of material of special importance to business men.

Manuals giving details of corporations and industrial plants in all parts of the country.

Directories of many large cities.

Thomas' Register of American Manufacturers, giving information about practically all the manufacturing plants in the country; classified by subjects and also indexed.

Telephone directories.

Who's Who in America, and the English Who's Who.

Hotel Directory giving lists of hotels and rates.

Ayer's' American Newspaper Annual and Directory giving the names of all newspapers and magazines published in this country and Canada with the price, circulation, etc.

All the important cyclopaedias including the Britannica, Americana, New International, Catholic, Jewish, and French. .Also cyclopaedias of Education, Religion, Painting, Horticulture, etc.

Index to Poetry and Recitations giving a list of 50,000 poems which can be found if one knows the title, or author, or first line.

Index to Short Stories.

The New York Times Index to Current News.

Index to Portraits; if one wants a picture of some distinguished man, or woman, the location of such a portrait can usually be found in this book which was published some twenty years ago, and lists the names of most important world-known people up to that date.

Biographical Dictionaries of all types from the monumental English dictionary of some seventy volumes to the more modern American dictionaries of biography.

Atlases, maps, dictionaries in all languages; all these and very many more are accessible to readers in the Reference Room.

Many of these books cannot be kept in that room on account of lack of space, but are readily accessible by speaking to the librarian in charge of that room.

NEEDS.

The two great needs of the library are more money for book purchases, and increased accommodations for the North Branch. If a new branch building is not immediately feasible, it would be advantageous to move into some building which would provide larger space in a better location for temporary occupancy.

The work in the library has been carried on during the past year with very little friction and comparatively little criticism from the outside public. No institution can expect perfection, but wherever legitimate cause for criticism occurs, such complaints should be made directly to the chief Librarian.

The Librarian expresses confidence in the staff for untiring and unselfish work during the year, and the work of the janitor service can be heartily commended.

Respectfully submitted,

GEORGE H. TRIPP,

Librarian.

REPORT OF JUVENILE DEPARTMENT.

The Juvenile Department has kept pace with the rest of the library in increased activity during 1928. Not only the central children's room, but all of the branches as well have had a very large increase in circulation, and have added many new members to the group of young readers who patronize the library. All of the active members were re-registered during the year, so that our file is now accurate.

This year an especial effort has been made to build up the collection of books for the pre-school and kindergarten child for which there is an ever increasing demand. Fathers, mothers, and teachers come in regularly for such books which comprise no inconsiderable part of our circulation. The class in child care at the Sylvia Anne Howland School was loaned a small collection to use in connection with their practice work, and the Children's Librarian gave them a series of talks on pictures and stories suitable for young children.

Early in the year a very interesting lecture about Albania was given for the children by Mrs. Elizabeth Cleveland Miller, the author of an excellent book for children called, "Children of the Mountain Eagle". So many children and grown people attended this talk that the Lecture Hall could not hold them all, and Mrs. Miller had to repeat the talk.

During Book Week, in November, the annual exhibition of children's books was held in the corridor just outside the Juvenile Room. The Girl Scouts very kindly assisted by standing guard over the several tables. The display was attended by a large number of adults, while the children showed a great deal of interest in their new books. A contest was printed in the Evening Standard at the beginning of the week, for which books were given as prizes by Hutchinson's Book Store. The contest consisted of two stories which contained hidden titles of books for boys and girls, and the

numerous papers handed in showed a keen interest on the part of the children.

In November and December the Children's Librarian gave several talks on children's books before the various mother's and woman's clubs of New Bedford, Fairhaven, and Marion. She also participated in some of the Book Week programmes at the schools.

At Christmas time the children were pleased by a large tree given by a friend, which lighted and trimmed, gave a festive appearance to the room. Christmas stories were told at the South Branch and in the central room.

The greatest need of the Juvenile Department is more books. Even when they are worn to pieces the pictures are often salvaged for scrap books so that all books are utilized to the fullest extent. It is hoped that more books will be provided next year to meet the demands of the larger circulation.

DOROTHY M. HYDE,

Children's Librarian.

APPENDIX A.

ADDITIONS BY CLASSES IN YEAR 1928.

NEW TITLES

| | | | |
|---------------------------|----|---------------------------|-----|
| General Works, | 8 | Description and travel, | 64 |
| Ethics and Philosophy, | 27 | Individual Biography, | 82 |
| Religion, | 41 | Collective Biography, and | |
| Social Sciences, | 66 | Genealogy and Heraldry, | 25 |
| Manners and Customs, | 7 | History, | 53 |
| Folk Lore, | 2 | Fiction, | 383 |
| Education, | 18 | New Titles in Foreign | |
| Language, | 4 | Languages. | |
| Science, | 25 | Arabic, | 13 |
| Useful Arts, | 75 | French, | 37 |
| Medicine, Physiology, and | | German, | 1 |
| Hygiene, | 7 | Hebrew, | 1 |
| Fine Arts, | 25 | Polish, | 4 |
| Music, | 6 | Spanish, | 4 |
| Amusements and Sports, | 30 | Books for children, | 253 |
| Literature, | 66 | Books for the Blind, | 15 |

APPENDIX B.

CIRCULATION.

Main Collection, Adult,

| Classification. | No. of Books | Per cent of Whole |
|---------------------------------|-----------------|----------------------|
| Miscellaneous, and periodicals, | 8,663 | 4.10 |
| Philosophy, | 1,711 | .81 |
| Religion, | 1,495 | .71 |
| Sociology, | 3,199 | 1.51 |
| Language, | 888 | .43 |
| Science, | 2,096 | .99 |
| Useful Arts, | 4,944 | 2.34 |
| Fine Arts, | 6,215 | 2.94 |
| English literature, | 6,354 | 3.01 |
| Foreign literature, | 1,147 | .54 |
| Biography, | 4,804 | 2.27 |
| History, | 3,031 | 1.44 |
| Travel and description, | 4,234 | 2.01 |
| English fiction, | 156,800 | 74.28 |
| Foreign fiction, | 5,524 | 2.62 |

Main Collection, Juvenile,

| Classification, | | |
|--|--------|-------|
| Fairy Tales, | 10,853 | 15.36 |
| Biography, | 1,326 | 1.88 |
| History, | 1,747 | 2.47 |
| Travel and description, | 2,003 | 2.84 |
| Fiction, | 38,436 | 54.41 |
| Miscellaneous including Bible Stories, Literature, Useful Arts, | 7,774 | 11.01 |
| Easy Books | 8,501 | 12.03 |

Books drawn for home use, Central Library, Main Collection :

| | |
|---|---------|
| Main Desk,* 81,898; Ingraham Hall, 114,816; Reference Room,* 8,827; Art Room,* 4,960. (Including 82 books for the Blind), Genealogical Room,* 282; Teachers' Room 322 | 211,105 |
| Books circulated from Juvenile Room, | 70,640 |
| Books circulated from School Collection, | 137,076 |
| Books circulated from High School Library, | 1,661 |
| Books circulated from Junior High Schools, | 20,153 |
| Books circulated directly from Branch Reading Rooms, | 202,408 |
| Inter-library loans, (Ref. R. 239, Art. R. 18, Gen'l R. 3, Desk 58, Borrowed 7, St. Luke's Hospital | 325 |
| | 9,364 |

Total circulation of books, 652,732

*See also Inter-library loans in this table.

Pictures loaned: Art Department.

| | |
|--------------------------------|--------|
| Art Photographs, | 8 |
| Prints, | 111 |
| Prints, (color), | 35,954 |
| Architecture, | — |
| Sculpture, | 11 |
| Stereographs, (Juv. R. 39,673) | 39,907 |
| Miscellaneous, | 21,886 |
| "Pictures" (South Branch) | 1,026 |
| | <hr/> |
| | 98,903 |

GENERAL STATISTICS FOR 1928.

Books Added.

| | |
|---------------------------------------|-------|
| Volumes purchased, Main Collection, | 2,713 |
| Volumes purchased, Juvenile Room, | 1,675 |
| Volumes purchased, School Collection, | 624 |
| Volumes added by gift and entered,* | 730* |
| | <hr/> |
| | 5,742 |

Pamphlets Added.

| | |
|--------------------------|-------|
| Pamphlets purchased, | 23 |
| Pamphlets added by gift, | 3,591 |
| | <hr/> |
| | 3,614 |

Other Additions.

| | |
|--|-------|
| Lithographs 215 colored and (30 gifts) | 245 |
| Post cards | 942 |
| Etchings, (gift) | 6 |
| Photographs, (gift) | 2 |
| Atlas folios, maps, (gift) | 124 |
| Mounted clippings, (pictures) | 1,881 |
| Unmounted clippings, | 47 |
| Magazine subscriptions from individuals, | 6 |

Volumes worn out and withdrawn
(73 exposed to contagious disease.)

| | |
|----------------------|-------|
| Main Collection, | 1,008 |
| Juvenile Collection, | 1,706 |
| School Collection, | 2,089 |

4,803

Volumes replaced

| | |
|--------------------|-----|
| Main Collection, | 371 |
| Juvenile Room, | 656 |
| School Collection, | 624 |

1,651

| | |
|--|---------|
| Net addition to the Library in volumes, | 903 |
| Number of volumes in Library, December 31, 1927, | 200,794 |
| Number of volumes in Library, December 31, 1928, | 201,697 |

FREE PUBLIC LIBRARY

21 p

| | | | |
|---|-------|-------|-------------|
| Volumes bound including periodicals and books rebound: | | | |
| Main collection, | | | 2,931 |
| Juvenile Room, | | | 1,424 |
| School collection, | | | 1,744 |
| | | | <hr/> 6,099 |
| Periodicals in Reading Room (including 117 by gift), | | | 393 |
| Newspapers in Reading Room (including 8 by gift), | | | 57 |
| New cards issued, and re-registration, Central Library | | | |
| Adult, Central Library, | 4,304 | | |
| (Includes 896 Juvenile Transfers) | | | |
| Through Branches, | 1,221 | 5,525 | |
| Cancelled, | | 143 | 5,382 |
| Juvenile, Central Library, | 1,329 | | |
| Through Branches, | 1,332 | 2,661 | |
| Cancelled, | | 33 | 2,628 |
| | | | <hr/> 8,910 |
| Total Registration, Borrowers, Adult, "Active list," (in- | | | |
| cluding 4,930 Juvenile Transfers) | | | 17,826 |
| Juvenile, "Active list," | | | 5,380 |
| Notices sent out for over-due books: | | | |
| Main Library— Postal cards, 6,677; letters, 685 | | | 7,362 |
| Juvenile Room— Postal cards, 2,027; letters, 313 | | | 2,340 |
| Branches— Postal cards, 4,110; letters, 469 | | | 4,579 |
| Books sent for by messenger, 180. | | | |
| Books secured by messenger, 134. | | | |

BRANCH READING ROOMS IN DETAIL

NORTH

| | | |
|---|---------------|--------|
| Books circulated—Adult, 47,331 | | |
| Juvenile, 30,819, | Central, 276, | 78,426 |
| Cards issued through Central: | | |
| Adult (including 165 Juvenile Transfers) 590, | Juvenile 591 | 1,181 |
| Periodicals in Reading Room, | | 30 |
| Newspapers in Reading Room, | | 18 |

SOUTH

| | | |
|---|--------------|--------|
| Books circulated—Adult 50,590 | | |
| Juvenile, 42,892; | Central, 142 | 93,624 |
| "Pictures" circulated | | 1,026 |
| Cards issued through Central: | | |
| Adult (including 127 Juvenile Transfers) 522, | Juvenile 656 | 1,178 |
| Periodicals in Reading Room, | | 30 |
| Newspapers in Reading Room, | | 16 |

WEST

| | | |
|--|---------------|--------|
| Books circulated—Adult, 21,233 | | |
| Juvenile, 9,543, | Central, 232, | 31,008 |
| Cards issued through Central: | | |
| Adult (including 52 Juvenile Transfers) 109, | Juvenile 85, | 194 |
| Periodicals in Reading Room, | | 24 |
| Newspapers in Reading Room, | | 10 |

APPENDIX C.

FORM OF LIBRARY STATISTICS

Compiled for the A. L. A. Committee on Library Administration.

Annual report for the year ending December 31, 1928.

Name of Library, New Bedford Free Public Library.

Name of Librarian, George H. Tripp.

City, New Bedford, Mass.

Population served, (Estimated) 125,000.

Terms of use—

Free for lending.

Free for reference.

Total number of agencies.

Consisting of—Central Library.

Branches, Three.

High School Library.

2 Junior High Schools.

31 schools, (208 rooms in schools.)

3 Out-of-town schools.

Y. M. C. A. Boys' Camp.

Y. W. C. A. Girls' Camp.

Girl Scouts Camp.

Boy Scouts Camp.

11 Continuation school classes.

1 Hospital.

Books lent to 25 other libraries.

Books borrowed of three libraries.

Number of days open during the year (Central library), 364.

Hours open each week for lending (Central library), 72.

Hourse open each week for reading (Central library), 79.

Newspaper Reading, half hour longer, each day, to 9:30.

(Holidays and Sundays, open 7 hours for reading, except that

Library closed July 4, and Christmas Day).

Total number of staff, 27.

Total valuation of library property, \$850,000.

INCREASE

| | Adult | Juvenile | Total |
|---|---------|----------|---------|
| Number of volumes at beginning of year, | | | |
| Number of volumes added during year by purchase | 171,214 | 29,580 | 200,791 |
| Number of volumes added during year by gift or exchange and entered | 2,713 | 2,299 | 5,012 |
| | 730 | | 730 |
| | 174,657 | 31,879 | 206,536 |
| Number of volumes withdrawn during year | 1,008 | 3,831 | 4,839 |
| Total number at end of year | 173,649 | 28,048 | 201,697 |

FREE PUBLIC LIBRARY

23 p

| | |
|---|--------|
| Number of pamphlets at beginning of year, | |
| Number of pamphlets added during year, | 3,614 |
| Number of maps and charts added during year, | 124 |
| Total number of maps at end of year, | |
| Number of photographs added during year 2, etchings 6, lithographs 245 | 253 |
| Post cards, colored, | 942 |
| Total number of prints including photographs, etc., | 60,452 |
| Number of sheets of music added during year, | 0 |
| Total number of sheets of music at end of year, | |
| Number of clippings added during year, | 1,928 |
| Total number of clippings, | |

USE

| | Adult | Juvenile | Total |
|--|---------|----------|---------|
| Total number of volumes, lent for home use | 445,016 | 207,716 | 652,732 |
| Number of volumes of fiction lent for home use from Central library, (including Foreign) | 162,324 | 38,436 | 200,760 |
| Number of prints lent for home use, | | | 98,903 |
| Recorded use in reading rooms, | | | |
| Number of exhibitions held, 2. | | | |
| Number of lectures given, 14. | | | |
| Number of publications issued, 5. | | | |

REGISTRATION

| | Adult | Juvenile | Total |
|--|---------|----------|--------|
| Number of borrowers registered during year, | 5,525 | 2,661 | 8,186 |
| Total number including registered borrowers, considered active | 17,826* | 5,380 | 23,260 |
| Cancelled 1928 | 143 | 33 | 176 |
| Registration period, 5 years, | | | |
| Number of periodicals, (including newspapers and transactions of societies) currently received. | | | |
| 393 titles with 537 copies of magazines and 57 titles, with 127 copies of newspapers. | | | |
| Number of persons using library for reading and study: Not counted. | | | |

*Includes 4,930 Juvenile Transfers.

APPENDIX D.

APPROPRIATION

| | | |
|----------------------------------|-------------|-------------|
| Appropriation, | | \$63,000.00 |
| Salaries, | \$40,197.97 | |
| Wages, | 16,820.87 | |
| Supplies, | 436.54 | |
| Janitor's Supplies, | 192.19 | |
| Repairs, | 139.77 | |
| Furniture, | 9.20 | |
| Lighting, | 506.39 | |
| Heating North and West Branches, | 349.42 | |
| Postage, | 336.07 | |
| Telephone, | 226.44 | |
| Express, | 387.14 | |
| Printing, | 270.37 | |
| Stationery, | 65.64 | |
| Building miscellany, | 233.57 | |
| Books, | 1,146.73 | |
| Periodicals, | 814.59 | |
| Binding Books, | 737.04 | |
| Binding Periodicals, | 22.97 | |
| Library miscellany, | 99.71 | |
| | <hr/> | |
| | \$62,992.62 | |
| Balance, | 7.38 | |
| | <hr/> | |
| | | \$63,000.00 |

DOG FUND.

| | | |
|-----------------------|------------|------------|
| Balance, | \$2.06 | |
| Receipts and Credits, | 4,651.58 | |
| | <hr/> | |
| | | \$4,653.64 |
| Salaries, | \$3,675.28 | |
| Periodicals, | 233.30 | |
| Repairs, | 30.28 | |
| Wages, | 706.90 | |
| | <hr/> | |
| | \$4,645.76 | |
| Balance, | 7.88 | |
| | <hr/> | |
| | | \$4,653.64 |

FREE PUBLIC LIBRARY

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KEMPTON FUND.

| | | |
|----------------------|-------------|-------------|
| Balance, | \$19.69 | |
| Receipts and Credits | 11,238.54 | |
| | <hr/> | \$11,258.23 |
| Books, | \$7,857.96 | |
| Periodicals, | 794.25 | |
| Binding Books, | 1,809.81 | |
| Binding Periodicals, | 18.00 | |
| Printing, | 373.44 | |
| Supplies, | 91.11 | |
| Library miscellany, | 85.20 | |
| Stationery, | 214.50 | |
| Telephone, | .40 | |
| | <hr/> | |
| | \$11,244.67 | |
| Balance, | 13.56 | |
| | <hr/> | \$11,258.23 |

SYLVIA ANN HOWLAND FUND.

| | | |
|-----------------------|------------|------------|
| Balance, | \$24.87 | |
| Receipts and Credits, | 2,172.37 | |
| | <hr/> | \$2,197.24 |
| Books, | \$294.60 | |
| Periodicals, | 80.78 | |
| Binding Books, | 1,185.42 | |
| Binding Periodicals, | 49.75 | |
| Printing, | 230.97 | |
| Supplies, | 50.79 | |
| Stationery, | 151.65 | |
| | <hr/> | |
| | \$2,043.96 | |
| Balance, | 153.28 | |
| | <hr/> | \$2,197.24 |

GEORGE O. CROCKER FUND.

| | | |
|-----------------------|----------|----------|
| Balance (Overdraft) | \$82.27 | |
| Receipts and Credits, | 455.48 | |
| | <hr/> | \$373.21 |
| Books, | \$166.59 | |
| Periodicals, | 184.55 | |
| Printing, | 20.50 | |
| | <hr/> | |
| | \$371.64 | |
| Balance, | 1.57 | |
| | <hr/> | \$373.21 |

JAMES B. CONGDON FUND.

| | | |
|-----------------------|---------|---------|
| Balance, | \$24.74 | |
| Receipts and Credits, | 23.75 | |
| | <hr/> | \$48.49 |
| Books, | \$47.58 | |
| Balance, | .91 | |
| | <hr/> | \$48.49 |

CHARLES W. MORGAN FUND.

| | | |
|-----------------------|---------|---------|
| Balance, | \$22.99 | |
| Receipts and Credits, | 47.50 | |
| | <hr/> | \$70.49 |
| Books, | \$49.33 | |
| Binding Periodicals, | 18.00 | |
| | <hr/> | |
| | \$67.33 | |
| Balance, | 3.16 | |
| | <hr/> | \$70.49 |

CHARLES L. WOOD FUND.

| | | |
|-----------------------|----------|----------|
| Balance, | \$24.65 | |
| Receipts and Credits, | 95.00 | |
| | <hr/> | \$119.65 |
| Books, | \$102.08 | |
| Periodicals, | 11.05 | |
| | <hr/> | |
| | \$113.13 | |
| Balance, | 6.52 | |
| | <hr/> | \$119.65 |

GEORGE HOWLAND, JR. FUND.

| | | |
|-----------------------|----------|----------|
| Balance, | \$69.45 | |
| Receipts and Credits, | 76.00 | |
| | <hr/> | \$145.45 |
| Books, | \$116.21 | |
| Balance, | 29.24 | |
| | <hr/> | \$145.45 |

OLIVER CROCKER FUND.

| | | |
|-----------------------|---------|---------|
| Balance, | \$3.09 | |
| Receipts and Credits, | 47.50 | |
| | <hr/> | \$50.59 |
| Repairs, | \$48.00 | |
| Balance, | 2.59 | |
| | <hr/> | \$50.59 |

FREE PUBLIC LIBRARY

27 p

EDWARD DENHAM FUND.

| | | |
|-----------------------|----------|----------|
| Balance, | \$364.12 | |
| Receipts and Credits, | 372.69 | |
| | <hr/> | |
| Balance, | | \$736.81 |

TOTAL EXPENDITURES

| | | |
|----------------------|-------------|-------------|
| Salaries, | \$43,873.25 | |
| Wages, | 17,527.77 | |
| Supplies, | 578.44 | |
| Janitor's Supplies, | 192.19 | |
| Repairs, | 218.05 | |
| Furniture, | 9.20 | |
| Lighting, | 506.39 | |
| Heating, | 349.42 | |
| Postage, | 336.07 | |
| Telephones, | 226.84 | |
| Express, | 387.14 | |
| Printing, | 895.28 | |
| Stationery, | 431.79 | |
| Books, | 9,781.08 | |
| Building miscellany, | 233.57 | |
| Library miscellany, | 184.91 | |
| Periodicals, | 2,118.52 | |
| Binding Books, | 3,732.27 | |
| Binding Periodicals, | 108.72 | |
| | <hr/> | |
| | | \$81,690.90 |

FINES.

| | | |
|-----------------------------|------------|------------|
| Receipts, fines, and sales, | \$1,435.89 | |
| Rebates on insurance, | 157.73 | |
| | <hr/> | |
| | \$1,593.52 | \$1,593.62 |
| | <hr/> | |
| Paid City Treasurer | | \$1,593.62 |

CITY OF NEW BEDFORD,

IN BOARD OF ALDERMEN,

January 24, 1929.

Received, ordered printed in the city documents, and
sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,

January 24, 1929.

Concurred.

RUTH G. HILTON,
Clerk.

THIRTY-FIFTH ANNUAL REPORT

OF THE

DEPARTMENT OF PARKS

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

FOR THE YEAR ENDING NOVEMBER 30, 1928



1929
BRADBURY-WARING, INC.
Printers

BOARD OF PARK COMMISSIONERS

1928

GEORGE R. HOOPER

JEREMIAH COHOLAN

WILLIAM F. CASWELL

WILLIAM FERGUSON

OFFICERS

GEORGE R. HOOPER, Chairman

JEREMIAH COHOLAN, Secretary

EVERETT B. SHERMAN, General Superintendent

LOUISE DUPRE, Clerk

CONSULTING ENGINEER

GEORGE H. NYE

CITY OF NEW BEDFORD BOARD OF PARK COMMISSIONERS

New Bedford, Mass., December 1, 1928.

*To His Honor the Mayor and the City Council of the
City of New Bedford.*

Gentlemen :

As required by the General Laws of the Commonwealth of Massachusetts, Chapter 45, Section 9, entitled, "Public Parks and Playgrounds," the Board of Park Commissioners of the City of New Bedford, has the honor to submit herewith the Thirty-fifth Annual Report, for the year ending November 30, 1928.

Our appropriation for the fiscal year of 1928 was not sufficient to permit any permanent improvements being undertaken. The appropriation allowed only for general upkeep of the parks, and the most necessary repairs.

With the exception of the Howland House at Hazelwood Park, none of our main park buildings have been repaired for several years. There are some repairs that are badly needed.

We have practiced economy wherever it has been practical. Have reduced our police force from eight to four men. We have kept our park staffs at a minimum, and have bought as few supplies as possible.

Because of the textile depression our parks were used more extensively last summer than ever before. There were crowds at all the parks through the summer months. The parks were also used frequently as gathering places by organizations during the season.

The spending of the park funds on some projects has been out of proportion to the number of persons benefited. The cost of upkeep of the bowling greens, which cost more than \$25,000.00 to construct, is more than \$20.00 a day during the summer season. Only about five hundred people use these greens. There is a tremendous demand for a new warming house at Buttonwood Park. This house would be used by about two thousand children and adult skaters in one day, during good skating weather. The city would derive an income from this source which could be used towards its upkeep. We have urged the building of a warming house for several years, but have never been able to obtain the funds. More persons would benefit proportionately through the expenditure of money for a warming house than for bowling greens. Several petitions for a new warming house have been submitted to the Board.

The only new work done this year was the building of a new back stop at one of the baseball diamonds at Buttonwood Park, and the replacing of the wire fences around the tennis courts. We hope for sufficient funds to complete the bridle path that was started in 1927.

At the present time we have the following amount of land that is undeveloped. On North street 1.16 acres, Logan street 1.42 acres, Thomas B. Tripp playground .53 acres, and on Grinnell street .40 acres.

There is not a park in the New Bedford system which is not increasing its usefulness each year. This growing usefulness means additional improvements and the making of many repairs. The more a park is used the greater are the demands of the public. With growth comes an increase in maintenance expenses.

The athletic fields of the parks were in constant use during the season. To meet satisfactorily the heavy demands for the athletic accommodations made by organizations is

a problem. We have not sufficient baseball diamonds, tennis courts or other game fields to meet all of the requests made.

Within the year we lost by death two valuable members of the Board. William F. Caswell was a member from May 1907, until the time of his death, and served while a member of the Park Board, as Chairman and also as Secretary, for a number of years. William P. Covell was elected to the Board in May 1915, and served from that date until his resignation in January 1928, as Chairman.

There were no playground activities as the City Government made no appropriation for playground work. We had a small expenditure for playground apparatus as usual.

Respectfully submitted,

GEORGE R. HOOPER, *Chairman*,
JEREMIAH COHOLAN, *Secretary*,
WILLIAM FERGUSON,
WILLIAM F. CASWELL.

PARK DEPARTMENT

FINANCIAL STATEMENT FOR THE YEAR

PARKS

| | |
|--|-------------|
| Ashley Park | \$1,425.99 |
| Bridge Approach | 1,144.82 |
| Brooklawn Park | 12,009.51 |
| Buttonwood Park | 21,416.59 |
| Common | 8,219.78 |
| Grove Park | 1,100.36 |
| Greenhouse | 6,750.94 |
| Hazelwood Park | 9,326.60 |
| Office | 5,481.27 |
| Victory Park | 2,814.81 |
| Playground Bills | 307.99 |
| Transferred to Unappropriated Funds | 1.34 |
| | <hr/> |
| | \$70,000.00 |

Receipts

| | |
|-----------------------------|-------------|
| Appropriation | \$70,000.00 |
| Concession Privileges | \$1,275.00 |
| Minor Sales | 197.70 |
| | <hr/> |
| | \$1,472.70 |

Office Expenses and Miscellaneous

| | |
|--------------------------------|------------|
| Superintendent and Clerk | \$4,101.78 |
| Telephone | 43.68 |
| Office Supplies | 304.75 |
| Auto Maintenance | 697.17 |
| Miscellaneous | 333.89 |
| | <hr/> |
| | \$5,481.27 |

Maintenance Brooklawn Park

| | |
|--------------------------------------|-------------|
| Police | \$3,054.15 |
| Labor | 6,797.10 |
| Animals and Animal Supplies | 473.34 |
| Athletic Supplies | 105.38 |
| Lights | 128.76 |
| Repairs—Buildings and Fixtures | 715.13 |
| Roads, Walks and Drains | 25.88 |
| Telephone | 57.09 |
| Tools and Hardware | 51.17 |
| Water | 98.93 |
| Plants and Seeds | 15.30 |
| Tractor Maintenance | 126.88 |
| General Maintenance | 191.67 |
| Miscellaneous | 168.73 |
| | <hr/> |
| | \$12,009.51 |

PARK DEPARTMENT

79

Maintenance of Common

| | |
|--------------------------------------|------------|
| Gardner | \$2,196.00 |
| Police | 2,821.50 |
| Labor | 2,149.86 |
| Fuel | 15.50 |
| Lights | 245.40 |
| Plants and Seeds | 297.83 |
| Repairs—Buildings and Fixtures | 82.15 |
| Tools and Hardware | 84.56 |
| Water | 28.11 |
| General Maintenance | 173.16 |
| Miscellaneous | 125.71 |
| | <hr/> |
| | \$8,219.78 |

Maintenance Hazelwood Park

| | |
|--------------------------------------|------------|
| Police | \$1,965.15 |
| Labor | 5,619.60 |
| Athletic Supplies | 27.83 |
| Lights | 29.58 |
| Repairs—Buildings and Fixtures | 353.13 |
| Telephone | 56.04 |
| Tools and Hardware | 197.37 |
| Tractor Maintenance | 147.00 |
| Water | 102.95 |
| Plants and Seeds | 126.40 |
| General Maintenance | 205.53 |
| Miscellaneous | 88.62 |
| Gang Mower—Tractor Hitch | 407.40 |
| | <hr/> |
| | \$9,326.60 |

Maintenance Buttonwood Park

| | |
|--------------------------------------|-------------|
| Police | \$3,073.95 |
| Labor | 10,770.74 |
| Animals and Animal Supplies | 1,433.31 |
| Athletic Supplies | 113.39 |
| Lights | 462.45 |
| Fuel | 880.71 |
| Tractor Maintenance | 108.42 |
| Gasoline and Oil | 260.13 |
| Repairs—Buildings and Fixtures | 1,055.58 |
| Roads, Walks and Drains | 157.77 |
| Telephone | 57.85 |
| Tools and Hardware | 413.73 |
| Water | 283.13 |
| New Work—Completion Bridle Path | 946.43 |
| General Maintenance | 555.47 |
| Trees and Shrubs | 130.50 |
| Miscellaneous | 305.63 |
| Gang Mower—Tractor Hitch | 407.40 |
| | <hr/> |
| | \$21,416.59 |

PARK DEPARTMENT

Maintenance of Buttonwood Greenhouse

| | |
|------------------------|------------|
| Labor | \$5,925.69 |
| Compensation | 117.00 |
| Supplies | 550.38 |
| Plants and Seeds | 157.87 |
| | <hr/> |
| | \$6,750.94 |

Ashley Park

| | |
|---------------------------------|------------|
| Labor | \$1,242.00 |
| Improvements and Supplies | 183.99 |
| | <hr/> |
| | \$1,425.99 |

Victory Park

| | |
|---------------------------------|------------|
| Labor | \$2,141.54 |
| Improvements and Supplies | 673.27 |
| | <hr/> |
| | \$2,814.81 |

Bridge Approach

| | |
|---------------------------------|------------|
| Labor | \$1,055.50 |
| Improvements and Supplies | 89.32 |
| | <hr/> |
| | \$1,144.82 |

Grove Park

| | |
|---------------------------------|------------|
| Labor | \$1,020.13 |
| Improvements and Supplies | 80.23 |
| | <hr/> |
| | \$1,100.36 |

Respectfully submitted,

E. B. SHERMAN,

General Superintendent of Parks.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

March 14, 1929.

Received, ordered printed in the city documents, and
sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

March 14, 1929.

Concurred.

RUTH G. HILTON,

Clerk.

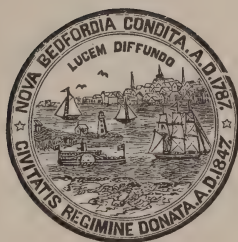
FOURTH ANNUAL REPORT

OF THE

NEW BEDFORD

PLANNING BOARD

For the Year 1928



1929
BRADBURY-WARING, INC.
Printers

PLANNING BOARD REPORT

City of New Bedford,
January 1, 1929.

To the City Council of the City of New Bedford.

Gentlemen:

In compliance with the General Laws, Chapter 41, Section 71, and with Section 5 of an ordinance adopted by the City of New Bedford January 23, 1925, the Planning Board respectfully submits the following report of its doings and expenses for the year 1928.

The Board has held but few meetings this year. This was due largely to the fact that there has been very little building during the last year. As the city is already zoned and the street plan fixed considerably ahead of present needs the time did not seem opportune for the discussion of future developments.

The Board has considered routine matters among which were recommendations in regard to eleven petitions for changes in the zoning map.

As most petitions are for changing residence districts to business districts the following summary of the street frontage in the various classifications may be of interest:

ZONING FRONTAGES BY DISTRICTS

| Districts | Frontage | % |
|----------------|----------|-------|
| Residence "A" | 358,462 | 16.91 |
| Residence "B" | *812,367 | 38.33 |
| Residence "C" | 215,150 | 10.15 |
| Business | 487,605 | 23.00 |
| Industrial "A" | † 81,995 | 3.87 |
| Industrial "B" | †163,991 | 7.74 |

*Largely on Board of Survey streets in undeveloped section and subject to change when character of district becomes determined.

†Areas larger than would appear in comparison with other districts as few streets have been projected through areas reserved for industrial use.

PLANNING BOARD

Thus it will be seen that 487,605 feet of street frontage, mostly in the portions of the city already developed, are available for use for retail stores etc.

The present zoning would provide for 12,190 stores of 40-foot front each, or one store for each ten of our total population or one store for each two families.

These petitions are usually to allow the placing of a store in the front of a house or between two existing dwellings and aside from being unnecessary, tend to destroy the desirability and value of surrounding property for residential purposes.

On recommendation of the board, six street intersections have been widened to allow the placing of corner curbs of 20-foot radius.

Very little consideration has been given to traffic changes as the present regulations seem to be reasonably satisfactory. In one case where petitioners desired to change one-way streets back to two-way streets the planning board advised strongly that this should not be done, and that recommendation was followed by the city council.

During the year we have passed on forty-three outdoor advertising signs, and the placement of these signs, as handled in this city, seems to be very satisfactory. The authority to grant locations rests with the state department of public works; which department notifies the city of all petitions, with an opportunity to be heard, if desired. We have gone a step back of that and arranged with the advertising companies to submit their petitions to the planning board before sending to the state department. This board considers them and has usually recommended the granting of those placed in business districts and the refusal of those in residence districts, in accordance with our zoning map. Our action is reported to the agency, to the state and to the city council and the recommendations have usually been followed. This results in the advertising agencies not sending in petitions

PLANNING BOARD

disapproved by the planning board. In case they should, there would probably be objection by the city council to their being granted.

The expenditures of the Board for the fiscal year ending November 30, 1928, were as follows:

| | | |
|---|---------|----------|
| Appropriation | | \$400.00 |
| Publications | \$19.74 | |
| Stationery | 10.75 | |
| Annual Report | 18.50 | |
| Clerical work | 35.00 | |
| Telegram | .30 | |
| Postage | 9.00 | |
| Expenses acct. Massachusetts Federation of Planning Boards | 68.75 | |
| Dues—National Conference on City Planning | 7.50 | |
| Dues—Mass. Federation .. | 15.00 | 22.50 |
| <hr/> | | |
| Total expenditures | | \$184.54 |
| <hr/> | | |
| Balance | | \$215.46 |

Respectfully submitted,

CHAS. S. ASHLEY, Mayor, Chairman,
THOS. H. MARGESON, Alderman,
AUSTIN J. FOWLER, Councilman,
WM. P. HAMMERSLEY, Supt. of Streets,
GEO. R. HOOPER, Member of Park
Board,
GEORGE H. NYE, City Engineer, Secre-
tary,
JOSEPH R. GLENNON, Member of
Board of Health.

PLANNING BOARD

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

January 24, 1929.

Received, ordered printed in the city documents, and
sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

January 24, 1929.

•Concurred.

RUTH G. HILTON,

Clerk.

ANNUAL REPORT
OF THE
CHIEF OF POLICE
OF THE
CITY OF NEW BEDFORD
MASSACHUSETTS

For the Year Ending December 31,

1928



NEW BEDFORD, MASS.
BRADBURY-WARING, INC.—PRINTERS
1929.

Annual Report of the Chief of Police

CITY OF NEW BEDFORD, MASS.

January 1, 1929.

*To the Honorable Charles S. Ashley, Mayor, and
the City Council of the City of New Bedford:*

Gentlemen:

I have the honor to herewith submit the annual report of the condition and doings of the Police Department, for the year ending December 31, 1928.

This department consists of the following,

| | | | |
|-------------------------------|-----|---------------------------|-----|
| Chief | 1 | Matron | 1 |
| Deputy Chiefs | 2 | Stenographers | 3 |
| Chief Inspector | 1 | Chauffeurs | 3 |
| Captains | 7 | Police Signal Electrician | 1 |
| Inspectors | 1 | Electrician | 1 |
| Lieutenants | 8 | Lineman | 1 |
| Sergeants | 9 | Janitors | 2 |
| Detective Sergeants | 7 | Cleaners | 2 |
| Patrolmen | 226 | Laborer | 1 |
| Supervisor of Motor Equipment | 1 | Retired on Pension | 12 |
| Policewoman | 1 | Total | 291 |

Number of Reserve Officers 39

Number of arrests during the year 3945

| | Arrests by months | Males | Females |
|-----------|-------------------|-------|---------|
| January | 206 | 182 | 24 |
| February | 242 | 214 | 28 |
| March | 266 | 244 | 22 |
| April | 273 | 241 | 32 |
| May | 303 | 261 | 42 |
| June | 370 | 320 | 50 |
| July | 731 | 591 | 140 |
| August | 374 | 311 | 63 |
| September | 338 | 282 | 56 |
| October | 321 | 270 | 51 |
| November | 253 | 225 | 28 |
| December | 268 | 243 | 25 |
| | 3945 | 3384 | 561 |

| | | | |
|----------------------------|------|-----------------|------|
| Americans | 1800 | Arrests in 1923 | 4315 |
| Foreigners | 2145 | Arrests in 1924 | 4407 |
| Non-residents | 513 | Arrests in 1925 | 3951 |
| Minors | 552 | Arrests in 1926 | 3428 |
| On Warrants and Summons | 1433 | Arrests in 1927 | 3151 |

NATIVITY OF PRISONERS

| | | | |
|-----------------------|-----|--------------------|------|
| Albania | 3 | Italy | 20 |
| Armenia | 1 | Lithuania | 2 |
| Australia | 1 | Latavia | 3 |
| Austria | 25 | Madeira | 123 |
| Azores Islands | 461 | Norway | 11 |
| Belgium | 8 | Poland | 253 |
| Bermuda | 2 | Portugal | 363 |
| Bohemia | 2 | Palestine | 3 |
| Canada | 316 | Phillipine Islands | 1 |
| Cape de Verde Islands | 112 | Russia | 38 |
| China | 4 | Scotland | 31 |
| Damascus | 1 | South America | 16 |
| Denmark | 3 | St. Helena | 1 |
| England | 169 | Sweden | 14 |
| Finland | 4 | Syria | 18 |
| France | 7 | Spain | 2 |
| Germany | 9 | Roumania | 1 |
| India | 1 | United States | 1800 |
| Greece | 51 | West Indies | 12 |
| Holland | 2 | Wales | 1 |
| Ireland | 50 | | |
| | | | 3945 |

OFFENCES

| | Male | Female | Total |
|--|------|--------|-------|
| Abduction | 1 | 0 | 1 |
| Accosting person of opposite sex on street | 7 | 0 | 7 |
| Abortion | 1 | 0 | 1 |
| Adultery | 7 | 7 | 14 |
| Assisting in maintaining a gaming nuisance | 1 | 0 | 1 |
| Assault and battery | 165 | 27 | 192 |
| Assault on an officer | 22 | 7 | 29 |
| Assault, indecent | 2 | 0 | 2 |
| Assault with intent to kill | 2 | 0 | 2 |
| Assault with intent to rape | 4 | 0 | 4 |
| Assault with dangerous weapon | 2 | 0 | 2 |
| Breaking, entering and larceny | 63 | 1 | 64 |
| Breaking, entering and larceny, attempt | 1 | 0 | 1 |
| Breaking glass | 35 | 0 | 35 |
| Breaking street lights | 1 | 0 | 1 |
| Carrying a weapon | 6 | 3 | 9 |
| Collecting garbage without a license | 9 | 0 | 9 |
| Concealing leased property | 16 | 1 | 17 |
| Concealing mortgaged personal property | 1 | 1 | 2 |
| Conspiracy | 11 | 8 | 19 |
| Conducting a parade without a permit | 64 | 29 | 93 |

REPORT OF THE CHIEF OF POLICE

5 s

| OFFENCES | Male | Female | Total |
|---|------|--------|-------|
| Conveying mortgaged personal property | 2 | 0 | 2 |
| Contempt of Court | 23 | 12 | 35 |
| Conveying incumbered land | 1 | 0 | 1 |
| Cruelty to animals | 2 | 0 | 2 |
| Drawing a fraudulent check | 10 | 1 | 11 |
| Disorderly conduct | 3 | 0 | 3 |
| Disturbing a school | 1 | 0 | 1 |
| Disturbing the peace | 164 | 54 | 218 |
| Disturbing a religious assembly | 1 | 0 | 1 |
| Deserter | 4 | 0 | 4 |
| Desertion | 18 | 0 | 18 |
| Drunkenness | 1095 | 87 | 1182 |
| Defrauding a lodging house | 1 | 0 | 1 |
| Escape from prison | 4 | 0 | 4 |
| Evading a taxi fare | 2 | 1 | 3 |
| Exciting a riot | 1 | 1 | 2 |
| Extortion | 1 | 0 | 1 |
| Failure to follow direction on traffic sign | 1 | 0 | 1 |
| Failure to register in licensed lodging house | 0 | 2 | 2 |
| Forgery | 4 | 0 | 4 |
| Fraudulent disposition of consigned goods | 1 | 0 | 1 |
| Fugitive from justice | 2 | 0 | 2 |
| Gaming, present at | 33 | 0 | 33 |
| Habitual truant | 10 | 0 | 10 |
| Having burglar's tools in possession | 2 | 0 | 2 |
| Idle and disorderly | 28 | 23 | 51 |
| Indecent exposure | 9 | 0 | 9 |
| Insane | 3 | 2 | 5 |
| Interfering with an officer | 14 | 4 | 18 |
| Intimidation | 9 | 6 | 15 |
| Illegal sale of liquor | 5 | 2 | 7 |
| Illegal manufacture of liquor | 64 | 13 | 77 |
| Illegal transportation of liquor | 17 | 0 | 17 |
| Injury to personal property | 6 | 0 | 6 |
| Keeping a slot machine | 1 | 0 | 1 |
| Keeping a disorderly house | 3 | 11 | 14 |
| Keeping liquor with intent to sell | 165 | 35 | 200 |
| Keeping a liquor nuisance | 3 | 0 | 3 |
| Keeping explosives without a permit | 1 | 0 | 1 |
| Keeping a gaming nuisance | 1 | 0 | 1 |
| Keeping gaming devices | 4 | 0 | 4 |
| Keeping gasoline in an unlicensed building | 1 | 0 | 1 |
| Lewd and wanton person in speech and behavior | 4 | 3 | 7 |
| Lewd and lascivious cohabitation | 5 | 5 | 10 |
| Lewdness | 7 | 7 | 14 |
| Larceny | 139 | 15 | 154 |
| Larceny, attempt | 5 | 0 | 5 |
| Loitering | 87 | 40 | 127 |
| Littering street with hand bills | 5 | 2 | 7 |
| Malicious mischief | 4 | 0 | 4 |
| Manslaughter | 2 | 0 | 2 |
| Misuse of flag | 1 | 0 | 1 |

| OFFENCES | Male | Female | Total |
|--|------|--------|-------|
| Neglect of family | 74 | 0 | 74 |
| Neglect of children | 4 | 1 | 5 |
| Neglected children | 5 | 3 | 8 |
| Neglect of parent | 8 | 0 | 8 |
| Neglect to provide for support of illegitimate child | 2 | 0 | 2 |
| Obstructing operation of draw bridge | 1 | 0 | 1 |
| Obstructing sidewalk | 0 | 1 | 1 |
| Pasting stickers on poles | 7 | 1 | 8 |
| Possession of obscene pictures | 2 | 0 | 2 |
| Possession of lottery tickets | 2 | 0 | 2 |
| Perjury | 1 | 0 | 1 |
| Profanity | 3 | 0 | 3 |
| Promoting a lottery | 4 | 0 | 4 |
| Parking | 8 | 0 | 8 |
| Rioting | 300 | 102 | 402 |
| Robbery | 4 | 0 | 4 |
| Ringing false alarm of fire | 3 | 0 | 3 |
| Runaways | 8 | 2 | 10 |
| Receiving stolen property | 5 | 0 | 5 |
| Rape | 5 | 0 | 5 |
| Sale of cigarettes to minor | 1 | 0 | 1 |
| Sale of leased property without notice | 1 | 0 | 1 |
| Surrendered by probation officer | 0 | 1 | 1 |
| Surrendered by bondsman | 1 | 0 | 1 |
| Suspicious person | 1 | 0 | 1 |
| Stubbornness | 4 | 12 | 16 |
| Sharing proceeds with a prostitute | 0 | 1 | 1 |
| Suspected of walking streets with unlawful design | 4 | 0 | 4 |
| Trespass | 5 | 0 | 5 |
| Trespass on railroad property | 3 | 0 | 3 |
| Threats | 9 | 0 | 9 |
| Throwing glass in street | 1 | 0 | 1 |
| Unlawful riding on railroad car | 4 | 0 | 4 |
| Unlicensed lodging house | 1 | 1 | 2 |
| Unlicensed common victualler | 1 | 0 | 1 |
| Unlicensed broker | 1 | 0 | 1 |
| Unlawful sexual intercourse | 1 | 0 | 1 |
| Using profane language on the street | 3 | 0 | 3 |
| Unnatural act, committing | 4 | 0 | 4 |
| Uttering worthless checks | 2 | 0 | 2 |
| Violation of chastity law | 1 | 3 | 4 |
| Violation of hawkers and peddlers law | 4 | 0 | 4 |
| Violation of probation | 3 | 1 | 4 |
| Violation of trade name law | 2 | 0 | 2 |
| Violation of trade check law | 3 | 0 | 3 |
| Violation of park ordinance | 0 | 3 | 3 |
| Violation of parole | 6 | 1 | 7 |
| Violation of illegitimate children law | 31 | 0 | 31 |
| Violation of lodging house laws | 0 | 1 | 1 |
| Violation of motor vehicle laws | 343 | 6 | 349 |
| Violation of intelligence office law | 1 | 0 | 1 |
| Violation of labor law | 15 | 3 | 18 |

REPORT OF THE CHIEF OF POLICE

7 s

| OFFENCES | Male | Female | Total |
|---------------------------------|------------|-----------|------------|
| Violation of milk law | 2 | 0 | 2 |
| Violation of true name law | 3 | 6 | 9 |
| Violation of shellfish law | 21 | 0 | 21 |
| Violation of fish and game laws | 15 | 0 | 15 |
| Violation of evening school law | 2 | 0 | 2 |
| Violation of narcotic drug law | 4 | 0 | 4 |
| Violation of oleomargarine law | 4 | 0 | 4 |
| Vagrants | 9 | 2 | 11 |
| Wilful injury to real property | 20 | 0 | 20 |
| Working on the Lord's day | 2 | 0 | 2 |
| | <hr/> 3384 | <hr/> 561 | <hr/> 3945 |

PRIMARY DISPOSITION OF CASES

| | |
|--|-----|
| Placed on file | 604 |
| Sentenced to penal institution and committed | 250 |
| Sentenced to penal institution and suspended | 149 |
| Sentenced to penal institution and appealed | 683 |
| Fined and paid | 379 |
| Fined and suspended | 42 |
| Fined and appealed | 411 |
| Fined and committed | 48 |
| Fined and sentenced to penal institution and committed | 19 |
| Fined and sentenced to penal institution and suspended | 21 |
| Fined and sentenced to penal institution and appealed | 49 |
| Continued on probation | 56 |
| Released | 430 |
| Defaulted | 59 |
| Adjudged not guilty and discharged | 106 |
| Bound over to Grand Jury | 52 |
| Bonded to keep the peace | 7 |
| Insane hospitals | 9 |
| Delivered to out of city officers | 46 |
| Delivered to military authorities | 5 |
| Delivered to keeper of jail | 32 |
| Delivered to Department of Public Welfare | 6 |
| Delivered to Superior Court | 3 |
| Bailed to appear at Superior Court | 2 |
| Bailed to appear out of city | 7 |
| Adjudged guilty of being father of child and appealed | 1 |
| Delivered to parent | 4 |
| Complaints dismissed | 212 |
| Summoned for out of city | 106 |
| Cases pending | 156 |

AMOUNT OF FINES PAID IN THE THIRD
DISTRICT COURT

from January 1, 1928 to December 31, 1928 inclusive.

| | |
|-----------------------|----------|
| Adultery | \$ 50.00 |
| Assault and battery | 675.00 |
| Assault on an officer | 25.00 |

| | |
|----------------------------------|-------------------|
| Collecting garbage unlawfully | 80.00 |
| Contempt of Court | 10.00 |
| Cruelty to animals | 10.00 |
| Disturbing the peace | 385.00 |
| Disturbing a religious assembly | 25.00 |
| Drawing a fraudulent check | 5.00 |
| Drunkenness | 75.00 |
| Gaming nuisance | 125.00 |
| Gaming, present at | 345.00 |
| Hunting without a license | 20.00 |
| Illegal sale of liquor | 300.00 |
| Interfering with an officer | 40.00 |
| Keeping a gaming device | 50.00 |
| Larceny | 10.00 |
| Lewdness | 20.00 |
| Lewd and lascivious cohabitation | 25.00 |
| Liquor keeping | 8,700.00 |
| Loitering | 50.00 |
| Manufacturing liquor | 3,650.00 |
| Motor vehicle laws, violating | 4,715.00 |
| Obstructing an officer | 15.00 |
| Parking | 50.00 |
| Ringling a false alarm of fire | 25.00 |
| Selling cigarettes to minor | 20.00 |
| Transportation of liquor | 400.00 |
| Trespass | 5.00 |
| Violation of milk law | 25.00 |
| Violation of narcotic drug law | 20.00 |
| Violation of oleomargarine law | 30.00 |
| Violation of fish laws | 150.00 |
| Violation of true name law | 20.00 |
| Violation of labor laws | 45.00 |
| Wilful injury to property | 50.00 |
| Working on the Lord's day | 5.00 |
| Total | <hr/> \$20,250.00 |

DISPOSITION OF SUPERIOR COURT CASES

| | |
|---|-----------|
| Fined and paid | 120 |
| Fined and sentenced to penal institutions | 20 |
| Fined and committed | 9 |
| Filed | 42 |
| Sentenced to penal institutions | 58 |
| Probation | 48 |
| Dismissed | 4 |
| Not guilty and discharged | 19 |
| Nolle prossed | 46 |
| Defaulted | 2 |
| No Bill | 6 |
| Appealed to Supreme Court | 1 |
| Total | <hr/> 375 |

FINES PAID IN SUPERIOR COURT

| | |
|--|------------------|
| Assault and Battery | \$ 75.00 |
| Drunkenness | 140.00 |
| Adultery | 150.00 |
| Disturbing the peace | 75.00 |
| Having in possession a slot machine | 50.00 |
| Illegal sale of liquor | 150.00 |
| Larceny | 50.00 |
| Illegal manufacture of liquor | 500.00 |
| Liquor keeping | 3,425.00 |
| Motor vehicle laws, violating | 2,140.00 |
| Keeping a disorderly house | 150.00 |
| Illegal transportation of liquor | 300.00 |
| Alien with firearm | 100.00 |
| Accosting a person of the opposite sex | 25.00 |
| Indecent exposure | 25.00 |
| Trespass | 10.00 |
| Violation of food law | 50.00 |
| Violation of chastity law | 100.00 |
| Violation of intelligence office laws | 50.00 |
| Possession of lottery tickets | 150.00 |
| Promoting a lottery | 50.00 |
| Total | <hr/> \$7,765.00 |

RECAPITULATION

| | |
|--|-------------------|
| Amount of fines paid in Third District Court | \$20,250.00 |
| Amount of fines paid in Superior Court—February Term | 1,535.00 |
| Amount of fines paid in Superior Court—June Term | 2,265.00 |
| Amount of fines paid in Superior Court—November Term | 3,965.00 |
| Total amount of fines paid | <hr/> \$28,015.00 |

WARRANTS AND SUMMONSES SERVED BY THIS DE-
PARTMENT FOR THE POLICE OF OTHER
CITIES AND TOWNS.

| | |
|--|----|
| Runaways | 12 |
| Violation of Motor Vehicle Laws | 88 |
| Violation of parole | 4 |
| Manslaughter | 1 |
| Concealing leased property | 2 |
| Neglect of family | 6 |
| Larceny | 10 |
| Violation of probation | 2 |
| Neglect of parent | 2 |
| Desertion | 1 |
| Violation of illegitimate children law | 3 |
| Rape | 1 |
| Violation of fish and game laws | 8 |
| Liquor keeping | 1 |

| | |
|----------------------------------|-----------|
| Violation of shellfish law | 2 |
| Stubbornness | 2 |
| Deserter from U. S. Army | 2 |
| Deserter from U. S. Navy | 1 |
| Neglect of children | 2 |
| Violation of traffic regulations | 1 |
| Indecent assault and battery | 1 |
| Assault and battery | 2 |
| Robbery | 2 |
| Violation of labor law | 1 |
| Violation of oleomargarine laws | 2 |
| Total | <hr/> 159 |

WARRANTS AND SUMMONSES SERVED FOR THIS DE-
PARTMENT BY POLICE OF OTHER
CITIES AND TOWNS.

| | |
|--|----------|
| Assault and battery | 3 |
| Violation of destitute parent law | 2 |
| Violation of Motor Vehicle Laws | 6 |
| Violation of illegitimate children law | 2 |
| Violation of labor law | 3 |
| Trespass | 2 |
| Neglect of family | 1 |
| Parking | 1 |
| Total | <hr/> 20 |

REPORT OF DETECTIVE DEPARTMENT.

| | |
|--|-------------|
| Total value of property reported stolen | \$26,552.98 |
| Total value of property recovered, reported stolen | 13,555.39 |
| Number of arrests | 200 |
| Search warrants served for stolen property | 4 |
| Automobiles found abandoned | 6 |
| Cases investigated | 2,789 |
| Dead bodies found | 1 |
| Hours of extra duty | 370 |
| Lost children found and returned | 2 |
| Notices served | 8 |
| Witnesses summoned | 164 |
| Notices sent out on persons wanted | 100 |
| Notices sent out on stolen property | 500 |
| Notices sent out on articles pawned | 96 |
| Automobile transfers filed | 9,652 |

Respectfully submitted,

WALTER ALMOND,
Chief Inspector.

REPORT OF THE CHIEF OF POLICE 11 s

REPORT OF IDENTIFICATION BUREAU.

The following is a report of the Bureau of Identification for the year 1928.

| | |
|-------------------------------------|-------|
| Total number of fingerprint records | 7,158 |
| Records furnished other departments | 595 |
| Identifications made | 91 |
| Cases investigated | 85 |

Respectfully submitted,

RAYMOND CHASE,
Deputy Chief.

REPORT OF THE TRAFFIC DIVISION.

The following is a report of the Police Traffic Division for the year 1928.

Personnel of the Traffic Division

| | |
|------------------------------|-------------|
| Sergeant 1 | Officers 22 |
| Assigned as follows: | |
| Traffic posts | 16 |
| Motor Cycle officers | 3 |
| Checking parking regulations | 1 |
| Office duty | 1 |
| On sick leave | 1 |
| Total | 22 |

| | |
|-------------------------------------|------------|
| Arrests | 115 |
| Warrants served | 9 |
| Defendant summonses served | 166 |
| Witness summonses served | 279 |
| Total court cases prosecuted | 144 |
| Fines paid for same | \$2,925.00 |
| Sentenced to House of Correction | 40 |
| Sentenced to Bridgewater State Farm | 1 |
| Sentenced to Lyman School | 1 |
| Committed to Taunton State Hospital | 1 |

Miscellaneous

| | |
|---|------------|
| Warned for automobile violations | 3,065 |
| Value of property recovered (stolen) | \$6,277.00 |
| Hours of extra duty | 2,489 |
| Garage licenses investigated | 47 |
| Driver's licenses recommended suspended | 33 |
| Lost children found and returned | 9 |
| Sick and injured persons assisted | 8 |
| Disturbances suppressed | 2 |
| Bicycles found | 1 |
| Dangerous dogs reported | 1 |
| Fire alarms given | 1 |
| Street obstructions reported | 1 |

It has been the policy of the Traffic Division to warn and correct automobile drivers for minor infractions of the automobile laws, rather than prosecute, as we find that in a majority of cases brought to our attention there was not the slightest intent of violating any law, rule or regulation. The following are the most frequent violations for which drivers have been warned:

| | |
|---------------------------------------|-----|
| Parked overtime | 935 |
| Parked without lights | 445 |
| Driving too fast for conditions | 330 |
| Parked in "No Parking" area | 196 |
| Parked within 10 feet of theatre exit | 132 |

During the past year numerous complaints have been made against automobile drivers by private citizens. These complaints were thoroughly investigated and where the facts warranted it, court action was taken.

Respectfully submitted,

IVAR V. NELSON,
Chief of the Traffic Squad.

REPORT OF LIQUOR AND VICE SQUAD.

Following is the report of the Liquor and Vice Squad for the year 1928.

Search warrants served:

| | |
|------------|-----|
| Liquor | 339 |
| Gaming | 3 |
| Narcotics | 3 |
| Explosives | 1 |
| Total | 346 |

ARRESTS

| | |
|-------------------------------|-----|
| Liquor keeping | 193 |
| Illegal manufacture of liquor | 81 |
| Transporting liquor | 6 |
| Illegal sale of liquor | 4 |
| Liquor nuisance | 2 |
| Gaming nuisance | 2 |
| Present at gaming | 13 |
| Present where narcotics found | 3 |
| Possession narcotics | 1 |
| Drunkenness | 62 |
| Violation of chastity laws | 6 |
| Lewdness | 8 |
| Violation true name laws | 10 |
| Idle and disorderly persons | 14 |
| Assault and battery | 10 |
| Adultery | 5 |
| Larceny | 14 |
| Disorderly house | 6 |
| Promoting a lottery | 4 |

REPORT OF THE CHIEF OF POLICE

13 s

| | |
|-------------------------------------|----|
| Disturbing the peace | 13 |
| Indecent exposure | 1 |
| Receiving stolen property | 1 |
| Rioting | 10 |
| Violation city ordinance | 8 |
| Concealing leased property | 2 |
| Neglect of family | 1 |
| Desertion | 1 |
| Intimidation | 3 |
| Assault on police officer | 2 |
| Unlicensed operator | 3 |
| Breaking glass in street | 1 |
| Possession of lottery tickets | 2 |
| Keeping explosives | 1 |
| Operating under influence of liquor | 1 |
| Lewd and lascivious cohabitation | 4 |
| Insanity | 2 |
| Unlicensed lodging house | 1 |
| Storing gasoline without a permit | 1 |
| Unlicensed common victualler | 1 |
| Possession of slot machine | 1 |
| Manslaughter | 1 |
| Extortion | 1 |
| Forgery | 1 |
| Robbery | 1 |
| Rape | 1 |
| Perjury | 4 |
| Assault with intent to kill | 1 |
| Conspiracy | 2 |
| Obscene pictures in possession | 1 |
| Capias from Superior Court | 1 |
| Violation of auto laws | 1 |
| Loitering | 2 |
| Contempt of Court | 2 |
| Capias | 6 |
| Violation weekly wage law | 1 |

| | |
|------------------------|-----|
| Total arrests for year | 530 |
|------------------------|-----|

| | |
|------------------------------------|-------------|
| Fines paid in Third District Court | \$13,270.00 |
| Fines appealed to Superior Court | 10,035.00 |
| Fines suspended in District Court | 1,050.00 |

| | |
|----------------------|-------------|
| Total fines for year | \$24,355.00 |
|----------------------|-------------|

| | |
|---------------------------|------------|
| Cases investigated | 644 |
| Extra hours of duty | 939½ |
| Summons served | 187 |
| Notices served | 425 |
| Stolen property recovered | \$4,265.00 |

Respectfully submitted,

SERGT. ELLSWORTH C. JACOBS,
SERGT. ANTHONY C. LEMAIRE.

REPORT OF POLICE MATRON.

| | |
|---|-----|
| Total number of prisoners in Woman's Lockup during year | 339 |
| Lodgers | 1 |
| Lost children | 1 |
| Insane | 1 |

Respectfully submitted,

SARAH M. BROWNELL,
Police Matron.

REPORT OF THE POLICEWOMAN.

Following is my report for the year ending December 31, 1928.

| | |
|---|-----|
| Investigations | 372 |
| Dances | 218 |
| Accompanying prisoners to Institutions: | |
| Lancaster | 14 |
| Sherborn | 2 |
| Taunton Insane Hospital | 10 |
| Bridgewater State Farm | 2 |

Respectfully submitted,

MYRTLE E. CODY,
Policewoman.

REPORT OF SAFETY INSTRUCTOR
IN PUBLIC SCHOOLS.

Herein please find my report as safety instructor in the schools of the city for the year 1928.

From the opening of school in January to the close of school in June I visited each of the fifty-seven schools, including the Sassaquin Sanitorium, twice, talking to approximately forty-two thousand children in their rooms or auditoriums. Again in October I was assigned to safety work, and from that time until the close of school at Christmas, I visited each school once more, talking to about twenty thousand of the same children again, making a total of about sixty-two thousand children spoken to in one hundred and seventy visits. During the summer I was detailed to the Traffic Division.

There has been a splendid hearty cooperation on the part of the principals and teachers in the different schools that has made my work agreeable and pleasant.

The white lines painted by the street department in front of the schools to designate the cross walks has been of great assistance.

REPORT OF THE CHIEF OF POLICE

15 s

The work of the regular patrolmen assigned to traffic duty at the schools is greatly appreciated and is often commented on by the teachers, and also the work of the traffic men stationed at the down town and north end corners. Their work has been such that I do not hesitate to lay before the children the importance of paying strict attention to their signals, and I feel that the proper manner in which the children cross the streets is due to this cooperation.

It is gratifying to note that the safety instruction given by the teachers and myself has made a decided impression on the children. Observation will show that the children are careful at the street crossings, etc.

However, the fact remains that the child in a playful manner will dart into the street and sometimes is injured. This line of accident has been lessened to a great extent. May our New Year continue in this improvement.

Respectfully submitted,

HENRY P. GERO,
Patrolman.

MISCELLANEOUS BUSINESS OF THE DEPARTMENT.

| | |
|--|--------------|
| Property stolen | \$37,041.06 |
| Bicycles stolen | 5,680.50 |
| Automobiles stolen | 117,080.00 |
| Total stolen | \$159,801.56 |
| Property recovered | \$17,185.86 |
| Bicycles recovered | 1,166.00 |
| Automobiles recovered | 115,020.00 |
| | \$133,371.86 |
| Value of property found | \$1,134.15 |
| Automobiles recovered for other cities | \$4,475.00 |

MISCELLANEOUS

| | |
|--|-------|
| Ambulance calls | 5,182 |
| Application for license for Beauty Parlor | 2 |
| Application for license for Common Victualler | 73 |
| Application for license to keep garage and petroleum | 47 |
| Application for license for Lodging House | 37 |
| Application for license for Soft Drinks | 24 |
| Application for license for Special Police | 165 |
| Application for license for Sunday Privilege | 100 |
| Automobiles found abandoned | 71 |
| Animals impounded | 2 |

| | |
|--|---------|
| Bicycles found | 97 |
| Buildings found open and secured | 705 |
| Cases investigated | 26,860 |
| Dangerous buildings reported | 39 |
| Dangerous dogs reported | 14 |
| Dangerous poles reported | 3 |
| Dangerous wires reported | 27 |
| Defective hydrants | 3 |
| Dead bodies found | 28 |
| Defective sandcatchers | 10 |
| Defective streets and sidewalks | 243 |
| Defective water pipes | 5 |
| Disturbances suppressed | 155 |
| Dogs killed | 14 |
| Dog license notices investigated | 647 |
| Dog notices served | 8 |
| Fire alarms given | 18 |
| Fire alarms given (still) | 14 |
| Fires extinguished without alarms | 15 |
| Garage licenses investigated | 79 |
| Horses killed | 3 |
| Hours of extra duty | 18,704½ |
| Intoxicated persons helped home | 92 |
| Juror List investigated | 1,032 |
| Lost children found and returned | 338 |
| Notices sent out on pawns | 92 |
| Notices sent out on stolen property | 30 |
| Notices sent out on stolen autos | 475 |
| Notices sent out on persons wanted | 100 |
| Notices served | 787 |
| Rescued from drowning | 2 |
| Reserve and special police officers assigned | 974 |
| Search warrants served for drugs | 1 |
| Search warrants served for gaming implements | 7 |
| Search warrants served for explosives | 1 |
| Search warrants served for liquor | 323 |
| Search warrants served for stolen property | 3 |
| Sick and injured persons assisted | 76 |
| Stray horse picked up | 1 |
| Street obstructions reported | 4 |
| Street obstructions removed | 1 |
| Water running to waste | 22 |
| Witnesses summoned | 2,009 |

AUTOMOBILES STOLEN AND RECOVERED

| | |
|--|-----|
| Number of automobiles stolen | 243 |
| Number of automobiles recovered | 239 |
| Number of automobiles not recovered | 3 |
| Number of automobiles recovered for other cities | 12 |
| Number of bicycles stolen | 329 |
| Number of bicycles recovered | 56 |
| Number of bicycles not recovered | 273 |

REPORT OF THE CHIEF OF POLICE

17 s

PERSONS REPORTED MISSING.

| Classification | Total Missing | Found | Still Missing |
|------------------|---------------|-------|---------------|
| *Boys | 56 | 52 | 4 |
| *Girls | 28 | 23 | 5 |
| Men | 19 | 16 | 3 |
| Women | 14 | 13 | 1 |
| *Under 21 years. | | | |

MOTOR VEHICLE ACCIDENTS WHERE INJURY TO PERSONS RESULTED.

| | |
|--|-----------|
| Number of accidents where injury to persons resulted | 690 |
| Number of persons fatally injured | 8 |
| Number of persons severely injured | 340 |
| Number of persons not severely injured | 451 |
| Total | <hr/> 799 |

(Included in the above)

| | |
|---------------------------------------|-----|
| Under 16 years of age fatally injured | 3 |
| Under 16 years of age injured | 332 |

GAMEWELL POLICE SIGNAL SERVICE REPORT.

| | |
|---------------------------|---------|
| Number of duty calls | 417,273 |
| Number of wagon calls | 1,088 |
| Number of telephone calls | 175,022 |

FATALITIES BY AGE GROUPS AND BY MONTHS, YEAR, 1928.
ALL ACCIDENTS

| | Total | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|-----------|-------|------|------|------|------|-----|------|------|------|-------|------|------|------|
| Total | 24 | 4 | 5 | 1 | 1 | 1 | 2 | 2 | 3 | 1 | 1 | 2 | 1 |
| 0-4 | 3 | 1 | | | | | 1 | | | | | 1 | |
| 5-14 | 5 | | | 1 | | 1 | 1 | | 2 | | | | |
| 15-54 | 11 | 1 | 5 | | 1 | | | | 1 | | 1 | 1 | 1 |
| 55 & over | 5 | 2 | | | | | | 2 | | 1 | | | |

PUBLIC — MOTOR VEHICLE

| | Total | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|-----------|-------|------|------|------|------|-----|------|------|------|-------|------|------|------|
| Total | 8 | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | | | 1 |
| 0-4 | 0 | | | | | | | | | | | | |
| 5-14 | 3 | | | 1 | | 1 | | | 1 | | | | |
| 15-54 | 2 | | | | 1 | | | | | | | | 1 |
| 55 & over | 3 | 1 | | | | | | 1 | | 1 | | | |

FATALITIES BY MONTHS AND YEARS, 1926-1928.
ALL ACCIDENTS

| | Total | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|------|-------|------|------|------|------|-----|------|------|------|-------|------|------|------|
| 1926 | 26 | | | | 1 | 2 | 2 | 6 | 2 | 4 | 2 | 4 | 3 |
| 1927 | 31 | 2 | 3 | 2 | 3 | 2 | 4 | 3 | | 4 | 2 | 2 | 4 |
| 1928 | 24 | 4 | 5 | 1 | 1 | 1 | 2 | 2 | 3 | 1 | 1 | 2 | 1 |

PUBLIC — MOTOR VEHICLE

| 1926 | 10 | | | | 1 | 1 | 1 | 2 | 2 | | 2 | 1 | |
|------|----|---|---|---|---|---|---|---|---|---|---|---|---|
| 1927 | 11 | | 1 | 2 | 1 | | 2 | | | 1 | 1 | | 3 |
| 1928 | 8 | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | | | 1 |

PERSONNEL OF THE FORCE

CHIEF

Samuel D. McLeod

DEPUTY CHIEFS

Raymond Chase

Raphael Pieraccini

CAPTAINS

James E. Bolton

Daniel Deneen

Harry C. Ellis

George R. Lawrence

Albert B. MacKinstry

John T. McKay

Albert E. Mosher

CHIEF INSPECTOR

Walter Almond

INSPECTOR

William F. Glennon

LIEUTENANTS

Narcisse A. Breault

Thomas Fay

Arod B. Holloway

Joseph S. Manning

James J. Moore

Frank L. Remington

Chester L. Tripp

William Welsh

SERGEANTS

Edward O. Brophy

Joseph A. Fernandes

Daniel F. Harrington

Edgar E. Head

Ellsworth C. Jacobs

Ivar V. Nelson

Joseph A. Sanders

Augustus F. Velho

George A. Wilson

DETECTIVE SERGEANTS

John W. Davies

Wilfred H. Dupuis

Charles Fell

Luke T. Haran

Anthony C. Lemaire

William H. McCarty

William S. P. Murphy

STENOGRAPHERS

P. Bert Taylor

Estella B. Knox

Dorothy R. Talbot

IN CHARGE OF LIQUOR AND VICE SQUAD

Sergeant Ellsworth C. Jacobs

Sergeant Anthony C. Lemaire

IN CHARGE OF TRAFFIC SQUAD

Sergeant Ivar V. Nelson

REPORT OF THE CHIEF OF POLICE

25 s

SUPERVISOR OF MOTOR EQUIPMENT

Joseph V. Turgeon

POLICEWOMAN

Myrtle E. Cody

POLICE MATRON

Sarah M. Brownell

POLICE SIGNAL SYSTEM ELECTRICIAN

Lewis A. Frost

ELECTRICIAN

John Dowd

LINEMAN

Philius Cormier

PATROLMEN:

| | Age | Years of Service |
|-----------------------|-----|------------------|
| Aillery, Constant | 56 | 19 |
| Allen, Charles E. | 51 | 26 |
| Almond, William, Jr. | 56 | 33 |
| Aque, Leo S. | 45 | 8 |
| Barbour, Robert L. | 51 | 19 |
| Bedford, Ellverado | 48 | 12 |
| Belisle, Victor | 35 | 9 |
| Berry, James W. | 37 | 12 |
| Blackburn, Hargreaves | 40 | 9 |
| Boehler, Max F. | 44 | 15 |
| Bonney, Stephen K. | 37 | 9 |
| Bourgeois, Albini | 48 | 12 |
| Boyer, Robert H. | 31 | 6 |
| Breault, Joseph A. | 52 | 15 |
| Brennan, Michael J. | 42 | 12 |
| Brien, Henri E. | 30 | 4 |
| Briggs, Myron S. A. | 54 | 17 |
| Brightman, Ellery E. | 60 | 20 |
| Burgess, Edward | 43 | 12 |
| Burgess, John H. | 44 | 4 |
| Burke, John F. | 39 | 9 |
| Carr, James, Jr. | 31 | 6 |
| Carr, Thomas E. | 35 | 9 |
| Carrier, George B. | 33 | 6 |
| Carroll, Eudore M. | 39 | 9 |
| Carroll, James M. | 36 | 9 |
| Cash, James | 55 | 17 |
| Caswell, Charles A. | 63 | 23 |

| PATROLMEN : | Age | Years of Service |
|--------------------------|-----|------------------|
| Cawley, Michael J. | 30 | 4 |
| Cayton, Joseph W. | 32 | 7 |
| Chapman, William | 30 | 2 |
| Chaput, Elrick M. | 33 | 6 |
| Chausse, Onat A. | 45 | 12 |
| Chenel, Albert J. | 52 | 10 |
| Clayton, Hugh A. | 31 | 5 |
| Coombs, Isaac C. | 38 | 10 |
| Cote, Wilfred | 43 | 9 |
| Cotnoir, Vincent S. | 30 | 7 |
| Cotter, Joseph W. | 31 | 4 |
| Coughlin, John J. | 33 | 6 |
| Cox, Owen J. | 38 | 8 |
| Craft, James F. | 66 | 24 |
| Craft, John H. | 36 | 4 |
| Crapo, Albert A., Jr. | 51 | 22 |
| Cushing, William S. | 58 | 24 |
| Dahoney, Thomas | 70 | 38 |
| Dalton, Moses J. | 42 | 5 |
| Davis, Albion G. | 40 | 8 |
| Deane, James | 57 | 19 |
| Deane, Michael J. | 39 | 9 |
| De Mello, Manuel | 32 | 4 |
| Desjardins, Joseph A. C. | 33 | 8 |
| Desroches, Louis H. | 49 | 8 |
| Doherty, Thomas | 53 | 15 |
| Donnelly, Joseph H. | 29 | 5 |
| Downey, Daniel | 59 | 23 |
| Downey, James J. | 31 | 5 |
| Downey, Stephen P. | 41 | 10 |
| Downey, William M. | 52 | 17 |
| Doyle, John K. | 33 | 6 |
| Dresner, William W. | 33 | 4 |
| Dufresne, Arthur A. | 28 | 5 |
| Dupuis, Patrick H. | 43 | 17 |
| Durant, Lawrence J. | 59 | 26 |
| Durkin, James J. | 38 | 6 |
| Evans, John | 52 | 17 |
| Fanning, John F. | 52 | 19 |
| Faunce, Albert M. | 49 | 11 |
| Fay, John H. | 49 | 22 |
| Figueira, Alfred | 35 | 2 |
| Fowler, Harry | 40 | 12 |
| Francis, Antone | 48 | 15 |
| Freitas, Manuel | 49 | 19 |
| Fuller, Harry M. | 30 | 2 |
| Gatenby, James D. | 31 | 2 |
| Gatenby, James S. | 56 | 19 |
| Gero, Henry P. | 39 | 10 |
| Gibbs, Nathaniel F. | 60 | 26 |
| Gobeil, Joseph | 42 | 12 |
| Goldrick, Daniel J. | 31 | 7 |
| Goldrick, James F. | 40 | 8 |
| Grant, George P. | 52 | 21 |

| PATROLMEN: | Age | Years of Service |
|---------------------------|-----|------------------|
| Gregory, William | 57 | 17 |
| Haggerty, Timothy F. | 46 | 15 |
| Hall, Harry C. | 36 | 7 |
| Hamersley, Raymond | 44 | 12 |
| Harding, James P. | 55 | 21 |
| Harrington, Michael J. | 34 | 9 |
| Hayden, Abram L. | 57 | 24 |
| Hawes, Harry C. | 45 | 12 |
| Hickey, James M. | 43 | 12 |
| Hickey, William B. | 46 | 15 |
| Hicks, William H. | 42 | 6 |
| Hilton, John | 33 | 6 |
| Hirst, Robert W. | 30 | 4 |
| Hollingsworth, George | 37 | 8 |
| Horton, Eliphalet M. | 64 | 24 |
| Howes, Charles M. | 43 | 16 |
| Hughes, Thomas A. | 33 | 2 |
| Hutchinson, George R. | 48 | 10 |
| Hutchinson, Joseph | 30 | 6 |
| Irwin, Henry, Jr. | 58 | 19 |
| Johnson, Emery W. | 39 | 6 |
| Johnson, Harry | 50 | 19 |
| Kane, John A. | 41 | 12 |
| Karcher, Frederick, Jr. | 68 | 26 |
| Kelley, Albert W. | 33 | 2 |
| Kelley, Eugene J. | 40 | 6 |
| Kelley, Michael J. | 52 | 12 |
| Koutroumpis, George J. | 38 | 8 |
| La France, Henri | 37 | 2 |
| Lague, Ernest A. | 38 | 10 |
| Landreville, Joseph E. A. | 40 | 10 |
| Lapierre, William A. | 48 | 8 |
| La Roche, William T. J. | 31 | 6 |
| Larochelle, Eugene T. J. | 29 | 5 |
| Law, Jesse, Jr. | 35 | 8 |
| Leahy, William T. | 52 | 21 |
| Lemrise, Albert T. | 45 | 10 |
| Lentz, Joseph A. | 44 | 15 |
| Lethbridge, William | 29 | 2 |
| Levesque, Joseph G. | 36 | 2 |
| Livesey, Albert | 33 | 6 |
| Loomis, Timothy E. | 31 | 4 |
| Lussier, Peter | 44 | 8 |
| Lynch, John H. | 34 | 2 |
| MacFarlane, Joseph A. | 52 | 12 |
| Machado, Frank S. | 30 | 5 |
| Machado, Manuel | 40 | 9 |
| Mahon, John F. | 36 | 2 |
| Manning, James L. | 50 | 10 |
| Martin, Charles A. | 32 | 2 |
| Masse, Napoleon O. | 35 | 5 |
| Maynard, John E. | 38 | 12 |
| McCrohan, John H. | 44 | 17 |

| PATROLMEN: | Age | Years of Service |
|-----------------------|-----|------------------|
| McDermott, Edward T. | 37 | 7 |
| McDonnell, James | 60 | 32 |
| McGoff, James E. | 54 | 17 |
| McGuire, Edward J. | 34 | 4 |
| McLeod, Andrew F. | 34 | 8 |
| McNamee, John J. | 42 | 10 |
| McNeeley, Thomas J. | 32 | 5 |
| Mello, Edward G. | 32 | 2 |
| Mendonca, John S. | 34 | 6 |
| Messier, Joseph A. | 48 | 10 |
| Miller, John J. | 54 | 21 |
| Mitchell, William | 48 | 21 |
| Moore, Hugh J. | 31 | 8 |
| Moore, Thomas F. | 30 | 2 |
| Muldoon, Patrick J. | 35 | 9 |
| Muldoon, Thomas | 47 | 12 |
| Mullins, Doran L. | 33 | 5 |
| Mullins, Enoch | 61 | 19 |
| Murdy, Robert H. | 61 | 24 |
| Murphy, Edward | 46 | 16 |
| Murphy, Francis A. | 50 | 19 |
| Nault, Joseph C. | 44 | 19 |
| Nickerson, Charles F. | 55 | 28 |
| Nunes, George J. | 42 | 10 |
| O'Donnell, William F. | 40 | 8 |
| O'Dowd, Martin F. | 42 | 5 |
| O'Rourke, John J. | 37 | 12 |
| O'Rourke, Joseph | 34 | 8 |
| O'Rourke, Thomas | 36 | 12 |
| Pabis, Antonio J. | 31 | 2 |
| Patterson, Charles G. | 50 | 21 |
| Pelletier, Joseph A. | 33 | 4 |
| Perry, Anthony E. | 42 | 12 |
| Pettey, James M. | 31 | 4 |
| Place, Joseph A. | 65 | 22 |
| Poirier, David J. | 40 | 12 |
| Pollock, John H. | 42 | 15 |
| Prifogle, Edward | 51 | 17 |
| Pykosz, Walter | 35 | 9 |
| Rainville, Joseph L. | 32 | 2 |
| Raymond, Edward | 54 | 21 |
| Raymond, William | 31 | 2 |
| Reddy, James F. | 35 | 2 |
| Reddy, Michael J. | 42 | 12 |
| Reed, George H. | 37 | 10 |
| Reedy, Joseph J. | 42 | 12 |
| Riley, William, Jr. | 38 | 7 |
| Robbins, William F. | 29 | 4 |
| Roberts, Charles F. | 43 | 2 |
| Rogers, Gideon D. | 37 | 2 |
| Rooks, Albert H. | 62 | 26 |
| Ryan, Joseph C. | 28 | 4 |
| Sanford, Edward U. | 28 | 2 |
| Schmidt, William | 34 | 2 |

| PATROLMEN: | Age | Years of Service |
|----------------------------|-----|------------------|
| Schneider, Raoul O. | 47 | 10 |
| Seddon, Arthur J. | 35 | 2 |
| Seddon, Edward | 33 | 7 |
| Seddon, John H. | 31 | 4 |
| Seddon, Thomas, Jr. | 48 | 11 |
| Sheffield, Harold H. | 31 | 5 |
| Sheredenski, John, Jr. | 28 | 2 |
| Simmons, Manuel | 34 | 5 |
| Smith, John P., Jr. | 38 | 10 |
| Smith, Sidney H. | 36 | 4 |
| Souza, William H. | 58 | 15 |
| Spooner, Charles A. | 42 | 12 |
| Spooner, John C. | 57 | 26 |
| Staples, Walter C. | 56 | 15 |
| St. Pierre, Joseph E. | 35 | 10 |
| Sullivan, Herman J. | 28 | 2 |
| Sullivan, John T. | 46 | 12 |
| Sullivan, Matthew | 55 | 22 |
| Sweeney, James P. | 44 | 8 |
| Sylvia, Antone F. | 56 | 21 |
| Sylvia, Archie A. | 37 | 10 |
| Sylvia, William T. | 43 | 9 |
| Torres, Frank A. | 31 | 2 |
| Trudel, Augustin P. | 32 | 5 |
| Turgeon, Antoine | 40 | 6 |
| Upham, John H. | 44 | 2 |
| Valentine, Thomas A. | 43 | 12 |
| Vogel, Robert F. | 61 | 31 |
| Walsh, John P. | 41 | 12 |
| Waring, Joseph | 32 | 4 |
| White, Albert B. | 48 | 21 |
| Wilcox, Seth A. | 58 | 24 |
| Williams, Benjamin F., Jr. | 56 | 22 |
| Williams, Charles H. | 55 | 21 |
| Williams, John O. | 44 | 8 |
| Winterson, Henry B. | 44 | 15 |
| Woolfenden, Albert | 51 | 19 |

CHAUFFEURS

| | | |
|------------------|----|----|
| Dalbec, Edmund | 51 | 20 |
| Meade, James G. | 58 | 22 |
| Ryan, William H. | 61 | 30 |

CLEANERS

| | |
|-------------------|-------------------|
| Carlson, Hulda A. | McGlynn, Ellen A. |
|-------------------|-------------------|

LABORER

Atwood, William W.

JANITORS

| | |
|-----------------|----------------|
| Welch, Peter P. | Drew, Moses C. |
|-----------------|----------------|

RETIRED ON PENSION

| | Age |
|----------------------|-----|
| Dodds, James | 75 |
| Doherty, Edward P. | 62 |
| Foley, Edmund | 60 |
| Kenney, Patrick | 74 |
| McDonald, Daniel J. | 66 |
| McEnnis, Robert B. | 72 |
| Paige, George W. | 82 |
| Rooks, John C. | 71 |
| Stow, Harry D. | 72 |
| Sullivan, James H. | 64 |
| Taft, Thomas J. | 77 |
| Underwood, Willis C. | 70 |

RESERVE POLICE OFFICERS

| | Date of Appointment |
|--------------------------|------------------------|
| Arendt, Francis C. | Dec. 29, 1926 |
| Arruda, Antone A. | Dec. 29, 1926 |
| Braiker, Harry S. | Dec. 29, 1926 |
| Butler, Nicholas J., Jr. | Dec. 29, 1926 |
| Cawley, Thomas F. | Dec. 29, 1926 |
| Cayton, John | Dec. 29, 1926 |
| Cruz, Joseph F. | Dec. 29, 1926 |
| Cummings, Albert L. | Dec. 29, 1926 |
| Cunniff, William J. | Dec. 29, 1926 |
| De Terra, Victor | Dec. 29, 1926 |
| Downey, Joseph W. | Dec. 29, 1926 |
| Farrell, Frederick J. | Dec. 29, 1926 |
| Gonsalves, John R. | Mar. 23, 1927 |
| Greenwood, Alfred F. | Dec. 29, 1926 |
| Hughes, William F. | Dec. 29, 1926 |
| Jackson, Sylvester J. | Dec. 29, 1926 |
| Karl, Edward R. | Dec. 29, 1926 |
| King, George F. | Mar. 13, 1924 |
| Lees, Robert | Dec. 29, 1926 |
| Lewis, Antone, Jr. | Dec. 29, 1926 |
| Lopes, Arthur W. | Dec. 29, 1926 |
| Lynch, John F. | Dec. 29, 1926 |
| Madson, Carl A. | Dec. 29, 1926 |
| Mitchell, John J., Jr. | Dec. 29, 1926 |
| Mosher, Arthur H. | Dec. 29, 1926 |
| McAdams, William J. | Dec. 29, 1926 |
| Nichols, Milton E. | Dec. 29, 1926 |
| O'Neill, John | Dec. 29, 1926 |
| Parkins, William G., Jr. | Dec. 29, 1926 |
| Rainville, Josephat E. | Dec. 29, 1926 |
| Ryan, Joseph F. | Dec. 29, 1926 |
| Seddon, David S. | Dec. 29, 1926 |
| Spence, Harry | June 8, 1927 |

| | Date of Appointment |
|-----------------------|------------------------|
| Sykes, Charles E. | Dec. 29, 1926 |
| Welch, Anthony J. | Dec. 29, 1926 |
| Wiley, George F. | Dec. 29, 1926 |
| Wilkinson, Francis C. | Dec. 29, 1926 |
| Wilson, Francis J. | Dec. 29, 1926 |
| Wise, George F. | Dec. 29, 1926 |

PROMOTIONS

On January 11, 1928 Lieutenant Albert B. MacKinstry, was promoted to Captain.

On May 16, 1928 Deputy Chief Samuel D. McLeod, was promoted to Chief of Police.

On June 8, 1928 Lieutenant James E. Bolton, was promoted to Captain.

On June 8, 1928 Lieutenant Albert E. Mosher, was promoted to Captain.

On July 24, 1928 Captain Raymond Chase, was promoted to Deputy Chief of Police.

On July 24, 1928 Captain Raphael Pieraccini, was promoted to Deputy Chief of Police.

The above promotions were made in accordance with Civil Service laws, rules and regulations.

APPOINTMENT

On May 21, 1928 Ellen A. McGlynn, was appointed from the Civil Service Eligible List as a temporary cleaner in the department for a period of six months. Certified as a permanent cleaner on Nov. 9, 1928.

COMMENDATION

On January 13, 1928 Motor Cycle Officer Arthur A. Dufresne, was commended for his good judgment and efficient police work in capturing an escaped prisoner.

RESIGNATIONS

On March 7, 1928 Patrolman Albert Thompson, resigned from the department.

On July 23, 1928 Patrolman Timothy W. Coughlin, resigned from the department.

On December 1, 1928 Cleaner Jennie F. Johnson, resigned from the department.

SUSPENSIONS

On March 27, 1928 Patrolman James M. Pettey, was suspended for a period of 60 days, for violation of Rule No. 61 of the Police Rules and Regulations.

On May 31, 1928 Patrolmen William Chapman and Alfred Figueira, were suspended for a period of 14 days, as a matter of police discipline, for dereliction in duty. Effective June 1, 1928.

On June 21, 1928 Sergeant Raymond Hamersley, was suspended for a period of 60 days and reduced from the rank of sergeant to patrolman, for conduct unbecoming an officer and neglect of duty.

On February 28, 1928 Patrolman Charles I. Wiley, was suspended for a period of 2 months, for violation of Rule No. 61 of the Police Rules and Regulations. The Civil Service would not authorize the reinstatement of the above named patrolman.

REMOVAL

On November 21, 1928 Patrolman Charles A. Manchester, was removed from the department after a hearing, charges being proven and sustained.

OFFICERS INJURED

During the year twelve police officers were injured while in the discharge of their respective duties, such injuries requiring medical attention.

PENSIONED

The following named police officers were retired on a pension during the year, viz: Lieut. Edmund Foley, Patrolman James H. Sullivan and Patrolman Patrick Kenney.

In Memoriam

CHIEF OF POLICE WILLIAM T. COLE

Died May 9, 1928

Aged 59 years and 19 days.

CAPTAIN JAMES W. SAVAGE

Died April 28, 1928

Aged 64 years, 11 months and 19 days.

EX-CHIEF OF POLICE HENRY W. MASON (retired)

Died December 30, 1928

Aged 88 years, 1 month and 5 days.

REMARKS

On May 9, 1928 I took charge of the Police Department. This was immediately after the death of my much respected predecessor, Chief William T. Cole.

In summarizing the work of the department for the past year, I feel it should be a matter of record, how faithfully, willingly, readily and with discretion, the men in the department performed their duty during the textile trouble.

The equipment in the department at the present time is in good condition, with this exception—our patrol wagon is unfit for use after twelve years of service. Our ambulance in Station 5 has been bitterly criticized by physicians and patients for its terribly uncomfortable and rough riding quality. This ambulance, however, could be converted into a patrol wagon at a small expense in comparison with the cost of a new patrol, providing a new ambulance was purchased, which I would so recommend.

We have also in the department an open Hupmobile car which has done six years of service and is of no further use. This also calls for replacement.

The outside woodwork in the stations is greatly in need of painting and it would be false economy to neglect having it done.

Another important matter which requires consideration is the regulation of taxi and jitney stands.

I hope the above remarks may be of some assistance in determining the needs of the department, and in conclusion, I wish to thank His Honor, the Mayor, and the City Council, the Court and its officers, the Press and the Public for the cooperation given the Police Department during the past year.

Respectfully submitted,

SAMUEL D. McLEOD,

Chief of Police.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

January 10, 1929.

Received, and ordered printed in city documents. Sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

January 10, 1929.

Concurred.

RUTH G. HILTON,

Clerk.

ANNUAL REPORT
OF THE
**BOARD OF PUBLIC
WELFARE**

OF THE
CITY OF NEW BEDFORD

For The Year 1928



Board of Public Welfare For 1928

ARTHUR GOULART, CHAIRMAN

JOHN J. GOBELL

ALFRED D. FRIGAULT

STAFF

CHARLES A. POIRIER,
Secretary & Almoner.

JOSEPH A. DESJARDINS,
Clerk & Interpreter.

CHARLES A. McAVOY,
Visitor.

RAYMOND HALLIWELL,
Visitor.

SERAPHINE P. SYLVIA,
Portuguese Interpreter & Visitor.

MABELLE F. COBB,
Stenographer.

M. JOSEPHINE TALFORD,
Mothers' Aid Visitor.

LILLIAN T. SOLY,
Clerk.

KATHERINE E. BROWN
Superintendent & Matron of City Infirmary.

Physicians :

DR. LOUIS A. PERRAS
DR. WILLIAM ROSEN
DR. HORMIDAS H. LECLAIR
DR. JOSEPH J. NERBONNE
DR. RAYMOND E. SENEAL

Chaplains at City Infirmary,
REV. CHARLES S. THURBER
REV. HENRY J. NOON

To His Honor, the Mayor, and to the City Government
of the City of New Bedford, Mass.

Gentlemen :—

The Board of Public Welfare herewith respectfully present their Annual Report of the expenditures and receipts for the year 1928.

The following statistics presented under their several heads will give an idea of the way the funds allowed by the City Government are expended for the administration of the department, and for the relief of the needy persons receiving assistance from the public funds.

Respectfully,

ARTHUR GOULART, Chairman.

ALFRED D. FRIGAULT

JOHN J. GOBELL

CHAS. A. POIRIER, Secretary.

EXPENDITURES FOR FISCAL YEAR DEC. 1, 1927 to NOV. 30, 1928

OUTSIDE RELIEF (Temporary Aid and Mothers' Aid)

TEMPORARY AID

| | |
|----------------------------------|--------------|
| MEMBERS OF BOARD | \$ 1,499.76 |
| PHYSICIANS (5) | 4,133.04 |
| OFFICE CLERKS | 15,424.66 |
| STATIONERY AND PRINTING | 936.94 |
| OFFICE EXPENSES | 565.40 |
| SHOES AND CLOTHING | 5,814.77 |
| MEDICINE AND MEDICAL SUPPLIES .. | 8,004.01 |
| CITY TREASURER | 147,463.27 |
| GROCERIES | 151,644.45 |
| FUEL | 7,898.55 |
| RENT | 606.54 |
| AUTOS AND TRANSPORTATION | 925.55 |
| HOSPITAL CHARGES | 65,329.75 |
| BURIALS | 3,340.00 |
| BOARD OUTSIDE CITY INFIRMARY.... | 8,031.71 |
| STATE INSTITUTIONS | 8,507.89 |
| CITIES AND TOWNS | 21,532.23 |
| MISCELLANEOUS | 96.58 |
| | <hr/> |
| | \$451,755.18 |

MOTHERS' AID

| | |
|------------------------|-------------|
| CASH | \$41,511.00 |
| FUEL | 2,500.85 |
| MERCHANDISE | 941.15 |
| HOSPITAL | 507.74 |
| MEDICINE | 536.88 |
| MISCELLANEOUS | 175.85 |
| CITIES AND TOWNS | 394.23 |
| | <hr/> |
| | \$46,567.70 |

EXPENDITURES FOR CITY INFIRMARY FOR FISCAL

YEAR DEC. 1, 1927, to NOV. 30, 1928

| | |
|---|-------------|
| SUPERINTENDENT | \$ 1,837.51 |
| PHYSICIAN | 666.72 |
| PAY ROLLS | 29,197.10 |
| STATIONERY AND PRINTING | 136.95 |
| TELEPHONES AND OTHER EXPENSE | 925.15 |
| CLOTHING AND DRY GOODS | 2,024.07 |
| SHOES AND FINDINGS | 410.15 |
| MEDICINE AND MEDICAL SUPPLIES | 1,997.47 |
| MEATS AND FISH | 7,100.67 |
| GROCERIES | 12,215.57 |
| ICE | 375.76 |
| TOBACCO | 2,133.63 |
| SOAPS AND MISCELLANEOUS SUPPLIES | 1,562.36 |
| TRANSPORTATION | 827.55 |
| FUEL AND LIGHT | 5,228.47 |
| HARDWARE AND TOOLS | 162.44 |
| PAINTS, OIL AND GLASS | 638.76 |
| LUMBER | 375.91 |
| GRAIN | 5,148.06 |
| AUTOS, WAGONS, HARNESS, BLACKSMITH | 1,656.06 |
| FURNITURE AND FURNISHINGS | 727.60 |
| REPAIRS TO BUILDINGS | 2,353.96 |
| MISCELLANEOUS | 612.72 |
| | <hr/> |
| | \$78,314.64 |

REVENUES AND CREDITS 1928.

RECAPITULATION

| | |
|--|--------------|
| Appropriation | \$450,500.00 |
| Received from City Infirmary (Produce and Stock)..... | \$ 2,464.11 |
| Received from City Infirmary (Miscellaneous) | 92.82 |
| Received from City Infirmary (Board at City Infirmary) | 1,455.99 |
| Received from Individuals (Board at Hospitals and Misc).... | 1,207.84 |
| Received from Cities and Towns (Temporary Aid) | 11,341.47 |
| Received from Cities and Towns (Mothers' Aid) | 1,654.43 |
| Received from State (Temporary Aid) | 14,824.16 |
| Received from State (Sick State Poor) | 2,675.87 |
| Received from State (Mothers' Aid) | 12,660.95 |
| Received from State (Burials) | 186.00 |
| | <hr/> |
| | \$48,563.64 |
| | <hr/> |
| | \$ 48,563.64 |
| RECAPITULATION OF EXPENDITURES | |
| Outside Relief | \$451,755.18 |
| Mothers' Aid | 46,567.70 |
| City Infirmary | 78,314.64 |
| | <hr/> |
| | \$576,637.52 |

ANNUAL REPORT FOR 1928

| Month | Outside Relief | Mothers' Aid | City Infirmary | Totals |
|-----------|----------------|--------------|----------------|--------------|
| 1927 | | | | |
| December | \$28,911.94 | \$4,112.62 | \$7,018.61 | \$40,043.17 |
| 1928 | | | | |
| January | 32,750.61 | 4,067.68 | 6,330.42 | 43,148.71 |
| February | 32,443.48 | 3,802.10 | 7,430.27 | 43,675.85 |
| March | 32,299.23 | 3,708.58 | 6,078.49 | 42,086.30 |
| April | 27,990.07 | 3,739.77 | 5,602.26 | 37,332.10 |
| May | 35,553.60 | 3,391.01 | 7,830.55 | 46,775.16 |
| June | 41,491.31 | 3,559.65 | 5,395.88 | 50,446.84 |
| July | 48,040.10 | 3,748.00 | 5,776.10 | 57,564.20 |
| August | 46,084.72 | 4,643.37 | 8,390.55 | 59,118.64 |
| September | 48,159.02 | 3,761.05 | 5,455.31 | 59,772.38 |
| October | 48,987.28 | 4,035.91 | 6,748.84 | 59,772.03 |
| November | 29,043.82 | 3,997.96 | 6,257.36 | 39,299.14 |
| | \$451,755.18 | \$46,567.70 | \$78,314.64 | \$576,637.52 |

SUMMARY OF ANNUAL RECEIPTS AND REVENUES—1928

| Months | CITY INFIRMARY | | INDIVIDUALS Board | | Cities and Towns | | COMMONWEALTH OF MASSACHUSETTS | | | | | Service Transfers | | | | Totals |
|--------|-------------------|----------|-------------------|-----------------------|------------------|--------------|-------------------------------|------------|--------------|----------|----------|-------------------|-------|----------|-------|-------------|
| | Produce and Stock | Miscell. | City Infirmary | Hospital and Miscell. | Temp. Aid | Mother's Aid | Temp. Aid | S. S. Poor | Mother's Aid | Burials | Miscell. | Board of Health | Sold. | Highways | Parks | |
| | \$628.22 | \$8.85 | \$60.99 | \$74.50 | \$451.51 | | \$11,346.83 | \$190.00 | \$11,708.64 | \$36.00 | | | | | | \$24,565.54 |
| | 217.19 | 1.25 | 43.00 | 25.38 | 1,223.35 | | | | | | | | | | | 1,510.17 |
| | 154.52 | 8.28 | 40.00 | 79.00 | 35.00 | | 512.78 | 30.00 | 191.00 | 150.00 | | | | | | 1,200.58 |
| | 107.26 | 1.00 | 340.00 | 62.84 | 387.50 | | 1,789.83 | 1,744.06 | 761.31 | | | | | | | 5,193.80 |
| | 164.05 | 40.28 | 82.00 | 295.00 | 530.43 | | | | | | | | | | | 1,111.76 |
| | 225.00 | .60 | 95.00 | 52.00 | 936.53 | | 445.41 | 486.00 | | | | | | | | 2,240.54 |
| | 267.25 | .80 | 158.00 | 51.00 | 570.64 | | | 202.64 | | | | | | | | 1,250.33 |
| | 279.20 | 8.26 | 98.50 | 276.12 | 676.39 | | | | | | | | | | | 1,338.47 |
| | | 7.10 | 51.00 | 69.00 | 1,483.52 | | 643.56 | 23.17 | | | | | | | | 2,277.35 |
| | 61.65 | 2.20 | 248.00 | 46.00 | 914.78 | 1,654.43 | | | | | | | | | | 2,927.06 |
| | 1.71 | 1.45 | 114.50 | 60.00 | 2,798.47 | | | | | | | | | | | 2,976.13 |
| | 358.06 | 12.75 | 125.00 | 117.00 | 1,333.35 | | 85.75 | | | | | | | | | 2,031.91 |
| | \$2,464.11 | \$92.82 | \$1,455.99 | \$1,207.84 | \$11,341.47 | \$1,654.43 | \$14,824.16 | \$2,675.87 | \$12,660.95 | \$186.00 | | | | | | \$48,563.64 |

1928—SUMMARY OF EXPENDITURES FOR OUTSIDE RELIEF—1928

| Months | Total Amounts | Overseers | Physicians | Office Clerks | Stationery and Printing | Office Expenses | Shoes and Clothing | Medicine and Medical Supplies | City Treasurer | Groceries | Fuel | Rent | Autos & Transportation Expenses | Hospital Charges | Burials | Board Outside Almshouse | State Institutions | Cities and Towns | Miscellaneous | Cash | Fuel | Mdse. | Medicine | Hospitals | Burials | Miscellaneous | Cities and Towns | |
|--------|---------------|----------------|------------|---------------|-------------------------|-----------------|--------------------|-------------------------------|----------------|--------------|------------|----------|---------------------------------|------------------|------------|-------------------------|--------------------|------------------|---------------|-------------|------------|----------|----------|-----------|----------|----------------|------------------|--|
| | | ADMINISTRATION | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | SALARIES | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$33,024.56 | \$124.98 | \$344.42 | \$1,274.30 | \$57.75 | \$52.95 | \$931.19 | \$401.42 | \$14,831.20 | \$3,024.50 | \$1,824.16 | \$70.00 | \$23.05 | \$3,581.35 | \$246.00 | \$790.70 | \$1,318.00 | \$14.97 | \$1.00 | \$3,347.00 | \$504.72 | \$91.50 | \$41.15 | \$42.00 | | (Print. -Milk) | | |
| | 36,818.29 | 124.98 | 344.42 | 1,176.28 | 98.70 | 41.50 | 459.50 | 721.62 | 14,456.00 | 4,952.35 | 1,770.55 | 58.64 | 102.47 | 6,336.30 | 304.00 | 532.92 | 526.09 | 744.29 | | 3,301.00 | 561.53 | 140.00 | 46.55 | | | \$86.25 (Milk) | | |
| | 36,245.58 | 124.98 | 344.42 | 1,470.35 | 12.50 | 67.52 | 553.25 | 821.64 | 13,743.60 | 4,690.55 | 1,852.26 | 47.00 | 55.00 | 4,691.50 | 154.00 | 654.08 | 221.64 | 2,939.19 | | 2,929.00 | 617.42 | 87.08 | 49.00 | 101.00 | | 18.60 (Milk) | | |
| | 36,007.81 | 124.98 | 344.42 | 1,176.28 | 25.33 | 14.80 | 745.90 | 579.95 | 14,446.00 | 4,843.70 | 306.56 | 69.50 | 84.00 | 5,478.20 | 344.00 | 684.71 | 1,303.00 | 1,727.90 | (Water) 20.37 | 3,391.00 | 102.18 | 90.50 | 11.20 | 96.30 | | 18.60 (Milk) | | |
| | 31,729.84 | 124.98 | 344.42 | 1,176.28 | 87.50 | 10.23 | 358.65 | 553.53 | 12,416.00 | 5,107.80 | 179.03 | 47.00 | 83.70 | 5,278.73 | 152.00 | 568.78 | 216.50 | 1,264.57 | | 3,456.00 | 59.67 | 114.50 | 18.60 | 56.00 | | 17.40 (Stoves) | | |
| | 38,944.61 | 124.98 | 344.42 | 1,470.35 | 210.30 | 137.60 | 506.90 | 751.72 | 13,410.50 | 12,695.00 | 191.80 | 45.50 | 86.03 | 4,535.10 | 314.00 | 475.85 | 253.55 | | (Light) 75.21 | 3,146.00 | 63.94 | 95.10 | 73.72 | 12.25 | | 35.00 | | |
| | 45,050.96 | 124.98 | 344.42 | 1,176.28 | 82.60 | 23.50 | 248.50 | 606.00 | 10,740.95 | 21,884.47 | | 39.00 | 6.00 | 4,369.50 | 410.00 | 568.78 | 155.00 | 636.12 | | 3,501.00 | | 23.00 | 27.65 | 8.00 | | | | |
| | 51,788.10 | 124.98 | 344.42 | 1,176.28 | 121.35 | 11.38 | 26.50 | 416.02 | 10,629.25 | 20,049.78 | | 30.00 | 10.40 | 6,165.45 | 364.00 | 1,188.80 | 2,434.79 | 4,946.70 | | 3,663.00 | | | 79.20 | 5.80 | | | | |
| | 50,728.09 | 124.98 | 344.42 | 1,470.35 | 110.63 | 70.72 | 39.00 | 753.89 | 11,460.75 | 20,975.90 | 1,449.69 | 65.50 | 119.85 | 6,003.72 | 94.00 | 554.92 | 68.57 | 2,377.83 | | 3,668.00 | 483.23 | 27.73 | 37.68 | 32.50 | | | \$394.23 | |
| | 51,920.07 | 124.98 | 344.42 | 1,176.28 | 88.03 | 77.17 | 866.68 | 732.04 | 10,153.50 | 23,562.65 | 142.60 | 50.50 | 16.75 | 6,231.80 | 296.00 | 614.28 | 67.71 | 3,613.63 | | 3,500.00 | 47.53 | 153.29 | 24.23 | 36.00 | | | | |
| | 53,023.19 | 124.98 | 344.42 | 1,485.35 | 42.25 | 21.43 | 820.00 | 826.10 | 11,056.02 | 21,333.50 | | 45.50 | 174.55 | 6,805.96 | 446.00 | 776.33 | 1,863.33 | 2,821.56 | | 3,787.00 | | 67.45 | 68.57 | 112.89 | | | | |
| | 33,041.78 | 124.98 | 344.42 | 1,196.28 | | 36.60 | 258.70 | 840.08 | 10,119.50 | 8,524.25 | 181.90 | 38.50 | 163.75 | 5,852.12 | 216.00 | 621.56 | 79.71 | 445.47 | | 3,822.00 | 60.63 | 51.00 | 59.33 | 5.00 | | | | |
| | \$498,322.88 | \$1,499.76 | \$4,133.04 | \$15,424.66 | \$936.94 | \$565.40 | \$5,814.77 | \$8,004.01 | \$147,463.27 | \$151,644.45 | \$7,898.55 | \$606.64 | \$925.55 | \$65,329.73 | \$3,340.00 | \$8,031.71 | \$8,507.89 | \$21,532.23 | \$96.58 | \$41,511.00 | \$2,500.85 | \$941.15 | \$536.88 | \$507.74 | \$175.85 | \$394.23 | | |

1928—SUMMARY OF CITY INFIRMARY EXPENDITURES—1928

| Months | Total Amounts | Supt. and Matrons | Physician | Pay Rolls | Stationery and Printing | Telephone and other Expenses | Clothing and Dry Goods | Shoes and Findings | Medicine and Medical Supplies | Meats and Fish | Groceries | Ice | Tobacco | Miscellaneous Supplies, Soap | Transportation | Fuel and Light | Hardware and Tools | Paints and Oils, Glass | Lumber | Grain | Autos, Wagons, Blacksmithing, Harnesses | Furniture & Furnishings | Repairs to Fixtures and Buildings | Miscellaneous |
|--------|---------------|-------------------|-----------|-------------|-------------------------|------------------------------|------------------------|--------------------|-------------------------------|----------------|-------------|----------|------------|------------------------------|----------------|----------------|--------------------|------------------------|----------|------------|---|-------------------------|-----------------------------------|---------------|
| | | ADMINISTRATION | | | | | | | | | | | | | | | | | | | | | | |
| | | SALARIES | | | | | | | | | | | | | | | | | | | | | | |
| | \$7,018.61 | \$157.51 | \$55.56 | \$2,467.78 | \$7.55 | \$72.02 | \$42.85 | \$7.50 | \$181.52 | \$725.87 | \$1,019.66 | \$18.15 | \$161.28 | \$145.02 | \$300.50 | \$654.20 | \$23.28 | \$42.00 | \$68.72 | \$489.40 | \$10.85 | \$6.17 | \$195.23 | \$130.99 |
| | 6,330.42 | 140.00 | 55.56 | 2,181.65 | | 78.62 | 146.68 | 6.00 | 78.00 | 536.28 | 891.22 | 17.19 | 163.28 | 135.55 | 201.20 | 571.54 | 7.55 | 100.30 | 21.37 | 378.75 | 182.74 | 80.64 | 348.80 | 7.00 |
| | 7,430.27 | 175.00 | 55.56 | 2,730.00 | 27.50 | 83.21 | 146.50 | 33.50 | 359.35 | 479.81 | 1,030.26 | 15.28 | 161.28 | | 203.79 | 728.41 | 10.10 | 60.95 | 34.30 | 418.55 | 139.64 | 96.00 | 441.28 | |
| | 6,078.49 | 140.00 | 55.56 | 2,148.57 | | 72.97 | 129.30 | 11.00 | 88.00 | 487.48 | 1,172.08 | 16.98 | 241.92 | 195.95 | 20.00 | 561.13 | 8.65 | 2.50 | 1.00 | 406.05 | 86.71 | 120.00 | 22.68 | 89.96 |
| | 5,602.26 | 140.00 | 55.56 | 2,209.00 | | 74.12 | 300.72 | 10.50 | 163.60 | 204.00 | 934.43 | 21.60 | 141.12 | 119.94 | 11.27 | 454.25 | 26.92 | 25.80 | | 512.45 | 45.20 | 40.00 | 133.86 | 7.92 |
| | 7,830.55 | 175.00 | 55.56 | 2,794.72 | 41.00 | 73.16 | 354.50 | 11.10 | 399.50 | 842.70 | 1,173.65 | 24.91 | 155.12 | 66.96 | 22.66 | 512.16 | 10.37 | 64.52 | 12.00 | 527.70 | 105.72 | 128.62 | 262.92 | 16.00 |
| | 5,395.88 | 140.00 | 55.56 | 2,264.97 | .40 | 71.56 | 133.47 | 15.15 | 27.00 | 472.05 | 937.25 | 38.07 | 153.22 | 155.89 | 11.15 | 18.86 | 77.81 | 16.83 | 368.40 | 350.55 | 52.38 | 35.31 | | |
| | 5,776.10 | 140.00 | 55.56 | 2,252.90 | 40.75 | 77.33 | 48.83 | 55.50 | 84.55 | 235.11 | 778.17 | | 181.38 | 107.45 | 24.50 | 277.19 | 29.52 | 112.20 | 78.80 | 525.71 | 210.30 | 35.88 | 210.08 | 214.39 |
| | 8,390.55 | 175.00 | 55.56 | 2,828.03 | .75 | 83.27 | 320.15 | 54.65 | 464.15 | 985.04 | 1,479.64 | 111.20 | 229.82 | 223.99 | 11.28 | 288.51 | | 103.33 | 89.01 | 361.85 | 241.62 | 14.41 | 269.24 | |
| | 5,455.31 | 140.00 | 55.56 | 2,214.89 | 19.00 | 90.45 | 144.36 | 84.50 | 10.50 | 625.77 | 930.50 | 47.27 | 154.78 | 120.80 | 1.20 | 85.67 | 4.74 | 35.00 | 13.08 | 439.60 | 91.87 | 28.75 | 117.02 | |
| | 6,748.84 | 175.00 | 55.56 | 2,834.22 | | 74.06 | 211.12 | 24.75 | 100.00 | 664.11 | 873.41 | 35.84 | 168.10 | 122.81 | 10.00 | 556.18 | 4.87 | 14.35 | | 390.10 | 119.01 | 104.65 | 192.70 | 18.00 |
| | 6,257.36 | 140.00 | 55.56 | 2,270.32 | | 74.38 | 45.59 | 96.00 | 41.30 | 841.95 | 995.30 | 29.27 | 222.33 | 168.00 | 10.00 | 539.23 | 12.58 | | 40.80 | 329.50 | 71.85 | 20.10 | 124.84 | 128.46 |
| | \$78,314.64 | \$1,837.51 | \$666.72 | \$29,197.10 | \$136.95 | \$925.15 | \$2,024.09 | \$410.15 | \$1,997.47 | \$7,100.67 | \$12,215.57 | \$375.76 | \$2,133.63 | \$1,562.36 | \$827.55 | \$5,228.47 | \$162.44 | \$638.76 | \$375.91 | \$5,148.06 | \$1,656.06 | \$727.60 | \$2,353.96 | \$612.72 |

BOARD OF PUBLIC WELFARE

T 9

CASES AIDED 1928

| Temporary Aid, | Cases | Persons |
|------------------------|------------|-------------|
| Settled in New Bedford | 2003 | 8142 |
| State cases, | 361 | 1678 |
| Cities and Towns, | 76 | 347 |
| | <hr/> 2440 | <hr/> 10167 |
| Hospitals, | 1510 | 1510 |
| Mothers' Aid cases, | 73 | 371 |
| City Infirmary, | 407 | 407 |
| Children, | 171 | 171 |
| Burials, | 114 | 114 |
| Transportation cases, | 45 | 45 |
| | <hr/> | <hr/> 12785 |

HOSPITAL CASES 1928

New Bedford cases

| | | |
|--------------------------|-----|-----|
| Adults, | 639 | |
| Children, (16 and under) | 252 | 891 |

Cities and Towns

| | | |
|--------------------------|----|----|
| Adults, | 26 | |
| Children, (16 and under) | 20 | 46 |

State cases

| | | |
|--------------------------|----|-----|
| Adults, | 80 | |
| Children, (16 and under) | 43 | 123 |

1060

CLINIC CASES 1928

New Bedford

| | | |
|--------------------------|-----|-----|
| Adults, | 223 | |
| Children, (16 and under) | 203 | 426 |

Cities and Towns

| | | |
|-----------|----|----|
| Adults, | 2 | |
| Children, | 10 | 12 |

State Cases

| | | |
|-----------|----|----|
| Children, | 12 | 12 |
|-----------|----|----|

450

TONSIL AND ADENOID OPERATIONS

| | | |
|--------------------|-----|-----|
| New Bedford cases, | 100 | |
| Cities and Towns, | 5 | |
| State, | 12 | 117 |

Tonsil and Adenoid operations included in clinic cases

Number of New Bedford cases aided by other Cities and Towns and chargeable to New Bedford.

Number of Notices received247

Amount paid out to other Cities and Towns during 1928

For Temporary Aid \$21,532.23

For Mothers' Aid 394.23

\$21,926.46

CHILDREN AIDED BY THE BOARD OF PUBLIC
WELFARE DURING 1928

| | Cases | Persons |
|---|----------|-----------|
| Boarded by Massachusetts Hospital School | 6 | 6 |
| Boarded by St. Mary's Home, | 13 | 29 |
| Boarded by Children's Hospital, Boston, | 2 | 2 |
| Boarded by Hospital Cottages, Baldwinsville, | 3 | 5 |
| In care of State, | 16 | 24 |
| Boarded by House of Angel Guardian, | 3 | 4 |
| Boarded by St. Joseph's Orphanage, | 2 | 6 |
| Boarded by Perkins Institution for the Blind, | 1 | 1 |
| Boarded by Private Families, (N. B.) and Children's Aid Society, | 45 | 78 |
| | <hr/> 91 | <hr/> 155 |
| Cities and Towns Cases, | 2 | 6 |
| State cases in Private Homes, | 6 | 10 |
| | <hr/> 99 | <hr/> 171 |

REPORTS OF PHYSICIAN'S VISITS DURING 1928

| | House Visits | Office Calls | City Infirmary |
|----------------------|-----------------|-----------------|-------------------|
| Dr. R. E. Senecal, | 1444 | 661 | |
| Dr. J. J. Nerbonne, | 990 | 882 | |
| Dr. William Rosen, | 662 | 377 | |
| Dr. Louis A. Perras, | 342 | 350 | 292 |
| Dr. H. H. LeClair, | 23 | 337 | |
| | <hr/> 3461 | <hr/> 2607 | <hr/> 292 |

NUMBER OF HISTORIES PROCURED AND SETTLEMENTS
DETERMINED FOR BOARD OF HEALTH 233

BURIALS

| | | |
|--------------------|-----------|-----------|
| New Bedford cases, | 87 | |
| State Cases, | 22 | |
| Cities and Towns, | 5 | |
| | <hr/> 114 | <hr/> 114 |

TRANSPORTATION OF APPLICANTS TO
STATE INSTITUTIONS

| | | |
|-----------------------------|-------|-------|
| State Farm, Bridgewater, | 12 | |
| State Infirmary, Tewksbury, | 33 | 45 |
| | <hr/> | <hr/> |

MOTHERS' AID

Expenses in this department amounted to \$46,567.70 in 1928 as against \$45,283.93 in 1927. An increase of \$449.54 over last year.

This increase was due to the unemployment during the strike of last year when aid had to be increased to a good many families where the workers were out on strike.

The following table shows,

73 cases were aided in 1928, of which
 64 were New Bedford cases,
 6 were State cases,
 2 were Fall River cases,
 1 was a Dartmouth case,
 371 persons were aided,
 14 new cases were taken on,
 8 cases were closed.

Of the cases aided, 69 were widows, 1 whose husband had deserted and 3 where the husbands were in institutions.

Of the cases closed, 4 became self-supporting, 2 failed to comply with the law, 1 moved to New York and 1 died.

The Mothers'Aid expenses for 1928 are classified as follows:

| | |
|--|-------------------|
| Cash | \$41,511.00 |
| Fuel | 2,500.00 |
| Merchandise | 941.15 |
| Medicine | 536.88 |
| Hospitals | 507.74 |
| Miscellaneous | 175.85 |
| Cities and Towns | 394.23 |
| Total | <hr/> \$46,567.70 |
| Reimbursed from Cities and Towns | \$ 1,654.43 |
| Reimbursed from the State | 12,660.95 |
| | <hr/> \$14,315.38 |

When a woman applies for Mothers' Aid, a thorough investigation is made. Proofs of marriage, births of children, death of husband, and so forth, are verified.

If the mother has received insurance upon the death of her husband, verification is made from the records of the insurance company or lodge, and the mother is obliged to produce documentary evidence to account for the alleged expenditures of such money.

A check up is also made to the wages received by any employed member of the family.

In determining the amount of aid necessary, the number of persons in the family, the health, age and the capabilities of each member are taken into consideration. The law contemplates the applicant's former standard of living should be considered.

Close supervision and frequent visiting, along with the weekly visit to the office by the applicant when she calls for her aid, keeps the visitor in close touch with the recipients.

The supervisor aims to teach reasonable thrift and helps these families to become self-supporting as soon as possible.

All Mothers' Aid cases are reconsidered by the Board after the report of each visit.

About 15 of the non English speaking mothers are attending Americanization classes. A special class for them is conducted at the Library every Friday afternoon.

CITY INFIRMARY REPORT FOR YEAR
ENDING NOV. 30, 1928.

| Month | Admitted | Discharged | Remaining |
|-----------------|----------|------------|-----------|
| December, 1927 | 23 | 18 | 205 |
| January, 1928 | 14 | 13 | 206 |
| February, 1928 | 14 | 5 | 215 |
| March, 1928 | 7 | 11 | 211 |
| April, 1928 | 16 | 16 | 211 |
| May, 1928 | 22 | 13 | 220 |
| June, 1928 | 18 | 17 | 221 |
| July, 1928 | 19 | 17 | 223 |
| August, 1928 | 22 | 11 | 234 |
| September, 1928 | 8 | 7 | 235 |
| October, 1928 | 21 | 30 | 226 |
| November, 1928 | 22 | 15 | 233 |
| | 206 | 173 | |

| | |
|--|--------|
| Number of inmates remaining Dec. 1, 1927, | 200 |
| Number of inmates admitted during the year, | 206 |
| Number of inmates discharged during the year, | 173 |
| Number of inmates remaining Nov. 30, 1928, | 233 |
| Average number of inmates monthly, | 220 |
| Number of inmates having settlements in New Bedford, | 394 |
| Number of inmates having no settlements, | 11 |
| Number of inmates having settlements in cities or towns, | 2 |
| Total number of cases during the year, | 407 |
| Number of deaths during the year, | 38 |
| Weekly per capita cost of each inmate, | \$6.50 |

BOARD OF PUBLIC WELFARE

T 15

CITY INFIRMARY FARM PRODUCTS 1928

| | | |
|---------------|------------------|------------|
| Hay, | 90 Tons | \$1350.00 |
| Cilo Corn, | 90 Tons | 900.00 |
| Sweet Corn, | 4500 Bus. | 1800.00 |
| Beans, | 88 Bus. | 440.00 |
| Lettuce, | 1000 Heads | 50.00 |
| Cucumbers, | 10 Bus. | 5.00 |
| Musk Melons, | 40 Bus. | 40.00 |
| Peas, | 30 Bus. | 37.50 |
| Spinach, | 160 Bus. | 160.00 |
| String Beans, | 9 Bus. | 9.00 |
| Corn, Gra'n, | 200 Bus. | 300.00 |
| Turnips, | 150 Bus. | 75.00 |
| Radishes, | 400 Doz. Bunches | 96.00 |
| Onions, | 100 Bus. | 100.00 |
| Tomatoes, | 150 Bus. | 150.00 |
| Potatoes, | 1400 Bus. | 840.00 |
| Cabbage, | 4000 Heads | 200.00 |
| Celery, | 1000 Heads | 50.00 |
| Squash, | 12 Tons | 120.00 |
| Green Rye, | 10 Tons | 100.00 |
| Beets, | 150 Bus. | 150.00 |
| Carrots, | 70 Bus. | 52.50 |
| Rareripes, | 3000 Doz. | 360.00 |
| Milk, | 48634 Qts. | 4863.40 |
| Eggs, | 2183 Doz. | 1091.50 |
| Swine, | 103 Doz. | 1942.25 |
| | | <hr/> |
| | | \$15282.15 |

SUMMARY CITY INFIRMARY PRODUCTS

| | |
|--|------------|
| Vegetables | \$ 71.38 |
| Hay (27,120 lbs.) | 311.88 |
| Calves, 5, | 76.00 |
| Cows, 1, | 80.00 |
| Pigs, 89, | 1610.50 |
| Veal, 1, | 12.00 |
| Miscellaneous, | 395.17 |
| | <hr/> |
| | \$2556.93 |
| Estimated Value of Products consumed at City Infirmary, | 12725.22 |
| | <hr/> |
| | \$15282.15 |

ANNUAL REPORT

OF THE

Sealer of Weights and Measures

CITY OF NEW BEDFORD
MASSACHUSETTS

FOR THE YEAR ENDING NOVEMBER 30, 1928



1929
BRADBURY-WARING, INC
Printers

Report of Sealer of Weights and Measures

*To His Honor the Mayor
and Members of the City Government:*

Gentlemen:

As required by ordinance, I submit herewith the annual report of the Sealer of Weights and Measures Department for the year ended November 30, 1928.

Respectfully submitted,

JOHN HOBIN,
Sealer of Weights and Measures.

JH:EM

NEW BEDFORD, MASS., JOHN HOBIN, Sealer.
Department of Weights and Measures.

Work performed from Dec. 1, 1927 to Nov. 30, 1928,
Inclusive.

| 1. SCALES | Adjusted | Sealed | Not Sealed | Con- demned |
|---------------------------------------|----------|--------|-------------------|----------------|
| Platform over 5,000 lbs. | 2 | 91 | 3 | 17 |
| Platform, 100 to 5,000 lbs. | 137 | 1525 | 69 | 55 |
| Counter over 100 lbs. | 4 | 24 | 3 | 1 |
| Counter under 100 lbs. | 96 | 705 | 42 | 18 |
| Beam over 100 lbs. | 8 | 243 | 9 | 14 |
| Beam under 100 lbs. | | 6 | 1 | |
| Spring over 100 lbs. | 9 | 184 | 7 | 12 |
| Spring under 100 lbs. | 123 | 1525 | 34 | 78 |
| Computing over 100 lbs. | 1 | 6 | | |
| Computing under 100 lbs. | 53 | 1057 | 14 | 39 |
| Personal weighing (slot) | 57 | 177 | 1 | 28 |
| Prescription scale | 2 | 92 | 5 | 4 |
| Jeweller's scale | | 20 | 3 | 1 |
| 2. WEIGHTS | | | | |
| Avoirdupois | 315 | 8619 | | 32 |
| Apothecary | 49 | 923 | | 34 |
| Metric | 32 | 786 | | 2 |
| Troy | 1 | 132 | | |
| 3. VOLUMETRIC MEASURES | | | | |
| Vehicle tanks (compartments) | | 181 | (aux. 6 tanks) | |
| Liquid Measures | 31 | 3417 | | 27 |
| Ice Cream Cans | 2 | 114 | | 2 |
| Glass Graduates | | 11 | | 2 |
| Dry Measures | | 182 | | 1 |
| Fuel Baskets | | 25 | | |
| 4. AUTOMATIC LIQUID MEASURING DEVICES | | | | |
| Gasoline Pumps | 191 | 400 | 25 | 45 |
| Gasoline Meters | 9 | 31 | | 3 |
| Kerosene Pumps | 15 | 73 | 8 | 12 |
| Oil Pumps | 100 | 483 | 288 | 16 |
| Molasses Pumps | 4 | 4 | 34 | 2 |
| Measures (stops, etc. on Pumps) | 943 | 3277 | 19 | 12 |
| 5. LINEAR MEASURES | | | | |
| Yard sticks | | 639 | | 16 |
| Tapes | | 9 | | |
| Cloth-Measuring Devices | | 32 | | |
| 6. TAXIMETERS | | | | |
| | | 2 | | |
| TOTALS | 2184 | 24994 | 571 | 473 |

Department of Weights and Measures.

Work performed from Dec. 1, 1927 to Nov. 30, 1928,
Inclusive.

TRIAL WEIGHINGS AND MEASUREMENTS OF
COMMODITIES SOLD OR PUT UP FOR SALE.

| COMMODITY | Total No. Tested | Number Correct | INCORRECT | |
|------------------------------------|---------------------|-------------------|-----------|------|
| | | | Under | Over |
| Bread | 4912 | 2504 | 461 | 1947 |
| Butter | 1037 | 978 | 21 | 38 |
| Charcoal (in paper bags) | 2 | 2 | | |
| Coal (in paper bags) | 1233 | 561 | 185 | 487 |
| Coal (in transit) | 34 | 5 | 7 | 22 |
| Confectionery | 1571 | 1333 | 54 | 184 |
| Dry Commodities | 4821 | 4065 | 391 | 355 |
| Flour | 1583 | 874 | 355 | 354 |
| Fruits and Vegetables | 256 | 158 | 36 | 62 |
| Grain and Feed | 39 | 39 | | |
| Ice | 1 | 1 | | |
| Kindling Wood (in paper bags) | 3095 | 3086 | 9 | |
| Liquid Commodities | 442 | 319 | 1 | 122 |
| Meats and Provisions | 6172 | 5177 | 521 | 474 |
| Wood (Kindling) | 2 | 2 | | |
| Miscellaneous | 278 | 111 | 19 | 148 |
| TOTAL | 25478 | 19215 | 2050 | 4203 |

INSPECTIONS MADE

| | |
|-----------------------------------|-------|
| 1. Paper or fibre cartons | 3906 |
| 2. Pedler's licenses | 113 |
| 3. Milk jars | 1990 |
| 4. Coal certificates | 223 |
| 5. Marking of food packages | 16228 |
| 6. Labels on bread | 4287 |
| 7. Wholesale milk cans | 1086 |
| 8. Transient vendors | 7 |
| 9. Clinical Thermometers | 433 |
| 10. Pedlers' scales | 31 |
| 11. Ice scales | 78 |
| 12. Junk scales | 16 |
| 13. Ice cream cans | 7005 |
| 14. Other inspections | 1225 |

TESTS MADE

| | |
|---|------|
| 1. Approved paper cartons | 2204 |
| 2. Retests of Gasoline devices after sealing | 65 |
| 3. Berry baskets | 6670 |
| 4. Mfrs. sealed milk jars | 400 |
| 5. Miscellaneous | 129 |

Sealing fees collected, \$2,508.32.

Total cost of Department including salary, equipment, etc., \$13,187.31.

Amount of money received for county, city, and state licenses, \$3,023.00.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

February 28, 1929

Received, ordered printed in the city documents, and
sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

IN COMMON COUNCIL,

February 28, 1929

Concurred.

RUTH G. HILTON,

Clerk.

Annual Report

School Committee

AND

SUPERINTENDENT OF SCHOOLS

OF THE

CITY OF NEW BEDFORD

For the Year

1928

Reynolds Printing, New Bedford, Mass.

SCHOOL COMMITTEE

CHARLES S. ASHLEY, Mayor, Chairman, ex-officio

DR. JAMES J. McKENNA, Vice-Chairman.

TERM EXPIRES 1931

| Name | Residence | Place of Business |
|----------------------|-------------------|-----------------------|
| Joseph Eccleston | 9 Jenny Lind St. | Union St. Railway Co. |
| Dr. James J. McKenna | 398 Union St. | 398 Union St. |
| Eugene F. Phelan | 80 Washington St. | Imperial Clothing Co. |

TERM EXPIRES 1933

| | | |
|----------------------|------------------|---------------------------|
| Dr. Frank Birtwistle | 34 Rotch St. | 507 First Nat. Bank Bldg. |
| Charles T. Bonney | 241 Reed St. | 241 Reed St. |
| Frank Vera | 300 Pleasant St. | 261 Union St. |

IN SCHOOL COMMITTEE,

DECEMBER 28, 1928.

Voted, That the Secretary be directed to prepare and edit the Annual Report of the School Committee for the year 1928 and that fifteen hundred copies of the same be printed.

The following report for the year 1928 is respectfully submitted:

Report of the School Committee

STATISTICS

I. POPULATION AND VALUATION

| | |
|---|------------------|
| The population of the city (census of 1890) was | 40,705 |
| The population of the city (census of 1895) was | 55,251 |
| The population of the city (census of 1900) was | 62,442 |
| The population of the city (census of 1905) was | 74,321 |
| The population of the city (census of 1910) was | 96,652 |
| The population of the city (census of 1915) was | 109,462 |
| The population of the city (census of 1920) was | 121,217 |
| The population of the city (census of 1925) was | 119,539 |
| Valuation of the taxable property (1928) was | \$201,581,800.00 |
| School houses and lots | 7,279,175.00 |
| Hathaway Playground | 19,275.00 |
| Other school property | 552,045.19 |

II. APPROPRIATION

| | |
|---|----------------|
| Rate of taxation | \$29.20 |
| Amount for general school purposes not including new buildings | \$1,698,000.00 |

III. SCHOOL CENSUS.

Number of children between five and sixteen years of age, and illiterates between sixteen and twenty-one years of age, reported by the census enumerators, in accordance with the census record taken October 1, 1928:

| | |
|---|--------|
| Between 5 and 7 years | 4,053 |
| Between 7 and 14 years | 15,394 |
| Between 14 and 16 years | 4,057 |
| Between 16 and 21 years (in compulsory evening classes) | 930 |

IV. SCHOOL ORGANIZATION, July 1, 1928

| | |
|---|----|
| High School | 1 |
| Junior High Schools | 2 |
| Grammar schools | 6 |
| Mixed schools—Grammar, Primary and Ungraded | 9 |
| Primary schools | 17 |
| Suburban schools | 2 |

| | |
|---------------------------------------|----|
| Continuation schools | 3 |
| Fresh Air classes | 2 |
| Hospital classes | 2 |
| Conservation of Eyesight classes | 2 |
| Cooking rooms | 1 |
| Manual Training rooms | 1 |
| Special Classes for Mentally Retarded | 9 |
| Kindergartens | 15 |
| Workshop Classes | 4 |

V. SCHOOL BUILDINGS, JULY 1, 1928

| | |
|-------------------------|----|
| Administration building | 1 |
| Permanent schoolhouses | 39 |
| Portable schoolhouses | 27 |
| Frame buildings | 2 |
| Unoccupied | 1 |

VI. TEACHERS AND PRINCIPALS

Number in Service, January, 1929

| | |
|--|-----|
| High school | 70 |
| Junior High Schools | 95 |
| Elementary schools | 447 |
| Supervisors and assistants (1 part time) | 29 |
| Physicians | 1 |
| School nurses | 10 |
| Evening High school | 25 |
| Evening Elementary schools | 71 |
| Americanization classes | 38 |
| Continuation schools, (2 part time) | 30 |

PUBLIC SCHOOLS

| | 1928 | 1927 | | |
|--------------------------|-----------|-----------|----------|--------|
| Enrollment of pupils | 18,468* | 18,872* | decrease | 404* |
| Average membership | 17,438 | 17,967 | decrease | 529 |
| Average daily attendance | 16,544 | 17,033 | decrease | 489 |
| Aggregate attendance | 3,172,890 | 3,255,136 | decrease | 82,246 |

*Not including pupils enrolled elsewhere in the State during the school year.

PRIVATE AND PAROCHIAL SCHOOLS

| | 1928 | 1927 | | |
|--------------------------|---------|---------|----------|--------|
| Enrollment of pupils | 5,710* | 5,477* | increase | 233* |
| Average membership | 5,593 | 5,214 | increase | 379 |
| Average daily attendance | 5,285 | 4,963 | increase | 322 |
| Aggregate attendance | 951,636 | 899,847 | increase | 51,789 |

PUBLIC, PRIVATE AND PAROCHIAL SCHOOLS

| | 1928 | 1927 | | |
|--------------------------|-----------|-----------|----------|--------|
| Enrollment of pupils | 24,178* | 24,349* | decrease | 171* |
| Average membership | 23,031 | 23,181 | decrease | 150 |
| Average daily attendance | 21,829 | 21,996 | decrease | 167 |
| Aggregate attendance | 4,124,526 | 4,154,983 | decrease | 30,457 |

*Not including pupils enrolled elsewhere in the State during the school year.

TABLE I.

The cost of instruction per scholar is based on the average number belonging and the total amount expended for the maintenance of each department, not including the expenditures from the Sylvia Ann Howland Educational Fund or Dog Fund, during the year.

| | |
|----------------------------|----------|
| High school | \$132.98 |
| Junior High schools | 107.09 |
| Elementary schools | 72.74 |
| Evening Elementary schools | 9.54 |
| Evening High school | 10.24 |
| Day school | 82.36 |
| Americanization classes | 3.90 |
| Continuation school | 17.64 |

RECEIPTS AND EXPENDITURES

Money Raised by Taxation

1928

SUMMARY

| | |
|--|--------------------|
| Total appropriations, general and subsequent | \$1,698,000.00* |
| Total expenditures | 1,685,833.76* |
| Balances | <u>\$12,166.24</u> |

RECEIPTS — APPROPRIATIONS FROM CITY COUNCIL

| | |
|-----------------------|-----------------------|
| Teachers' Salaries— | |
| General | \$1,315,000.00 |
| Incidentals— | |
| General | 287,000.00 |
| Repairs— | |
| General | 24,000.00 |
| Continuation Schools— | |
| General | 72,000.00 |
| | <u>\$1,698,000.00</u> |

NET EXPENDITURES — 1928

| | |
|----------------------------------|-------------------|
| Total Expenditures | \$1,685,833.76 |
| Turned into Unappropriated Funds | <u>198,635.74</u> |

Net cost to City \$1,487,198.02

*Not including Smith Hughes Fund or income from sales of products.

EXPENDITURES — MONEY RAISED BY TAXATION

| | |
|-------------------------------------|------------------|
| For Teachers' Salaries: | |
| Day Schools | \$1,271,444.82 |
| Evening schools and Americanization | <u>33,497.50</u> |
| | \$1,304,942.32 |

SCHOOL REPORT

V 9

For Incidentals:

| | |
|--|--------------------|
| Salaries: Superintendent and Secretary, Assistant Superintendent, Inspector School Property, Department Mechanics, Clerks, Attendance Officers, Nurses, Custodians and Miscellaneous Service | \$190,031.87 |
| Books and supplies | 32,385.99 |
| Custodians' supplies | 4,033.76 |
| High School engine room supplies | 299.76 |
| Science supplies | 777.37 |
| Sewing | 71.32 |
| Physical Education | 404.97 |
| Health and Hygiene | 715.33 |
| Visual Education | 190.14 |
| Fuel | 30,353.20 |
| Lighting | 6,585.70 |
| Water | 7,409.47 |
| Printing and advertising | 1,308.50 |
| Freight, express and carting | 614.99 |
| Transportation | 2,150.50 |
| Cooking | 248.69 |
| Shop Work | 2,467.14* |
| Bristol County Training school | 402.31 |
| Office expenses | 88.06 |
| Furniture | 971.56 |
| Telephones | 2,680.01 |
| Miscellaneous expenses | 1,067.63 |
| Workshop Classes | 884.16** |
| | <hr/> \$286,142.43 |

For Continuation Schools:

| | |
|---|----------------|
| Salaries: Directors, Teachers, Clerks, and Custodians | \$72,407.07*** |
| Equipment and maintenance | 5,760.97**** |
| | <hr/> |
| | \$78,168.04 |

| | |
|--------------------------|----------------|
| For Repairs of Buildings | \$23,999.81 |
| | <hr/> |
| Total | \$1,693,252.60 |

*Includes \$457.75 income from sales of products.

**Includes \$228.49 income from sales of products.

***Includes \$5,860.35 income from the Smith-Hughes Fund.

****Includes \$872.25 income from sales of products.

Special Appropriations:

Junior High School Furnishings:

| | |
|------------------------------|------------|
| Bal. carried forward to 1928 | \$6,042.39 |
| Expended 1928 | 5,346.00 |

| | |
|------------------------------|----------|
| Bal. carried forward to 1929 | \$696.39 |
|------------------------------|----------|

RECEIPTS FROM OTHER SOURCES, PAID TO CITY TREASURER.

| | | |
|--|------------|--------------|
| For tuition non-resident pupils | \$9,730.75 | |
| For tuition State Charity pupils | 238.78 | |
| For sales of books and supplies, junk, etc. | 721.07 | |
| For sales of Junior High School products | 457.75 | |
| For sales of Workshop Classes products | 228.49 | |
| Reimbursement from Mass. Commission for the Blind | 1,000.00 | |
| Reimbursement for Americanization classes | 11,486.24 | |
| Reimbursement for Continuation Schools: | | |
| State | 33,476.93 | |
| Smith-Hughes Fund | 5,894.05 | |
| Sale of Products | 872.25 | |
| Tuition | 5,963.88 | |
| Reimbursement for Teachers' Salaries | 128,565.55 | |
| | | \$198,635.74 |

INCOME FROM TRUST FUNDS, FOR 1928

| | | |
|--------------------------------|------------|------------|
| S. A. Howland Educational Fund | \$2,022.36 | |
| Jonathan Bourne Prize Fund | 62.50 | |
| Dog Fund | 4,551.40 | |
| C. S. Paisler Fund | 803.16 | |
| | | \$7,439.42 |

1928

SYLVIA ANN HOWLAND EDUCATIONAL FUND

| | | |
|---|------------|------------|
| Balance of income on hand, Dec. 1, 1927 | \$1,631.18 | |
| Income during year | 2,022.36 | |
| | | \$3,653.54 |
| Expenditures for the year | | 2,397.15 |
| | | |
| Balance, Dec. 1, 1928 | | \$1,256.39 |

DETAIL OF EXPENDITURES

| | INSTRUCTION | | | OPERATING EXPENSES | | | | REPAIRS | Prt. and Adv. Exp. and Furn. Trans. Tel. Incidentals | BOURNE PRIZE HOWLAND PAISLER & DOG FUNDS |
|----------------------------------|-----------------------|---------------|---------------------|--|------------------------------|-------------|------------------|-------------|---|--|
| | Teachers' Salaries | Text Books | Regular Supplies | Adm't'n and Custodians' Salaries | Custo- dians' Supplies | Fuel | Light & Water | | | |
| High School | \$188,220.07 | \$2,759.48 | \$4,814.99 | \$22,060.56 | \$538.90 | \$4,621.24 | \$961.09 | \$4,262.23 | \$572.46 | \$1,006.65 |
| Normandin Jr. H. S. | 100,196.93 | 2,063.48 | 2,631.61 | 10,173.48 | 424.51 | 2,888.55 | 953.12 | 865.98 | 367.21 | 122.23 |
| Roosevelt Jr. H. S. | 97,343.87 | 2,419.91 | 3,076.59 | 10,300.07 | 383.87 | 3,248.53 | 1,703.54 | 563.70 | 102.32 | 118.90 |
| Parker St. | 32,029.75 | 164.92 | 211.76 | 2,343.47 | 83.50 | 954.23 | 311.25 | 764.76 | 1.00 | 62.31 |
| H. M. Knowlton | 18,966.37 | 105.48 | 157.52 | 2,494.98 | 136.30 | 484.96 | 295.19 | 1,417.83 | .50 | 23.83 |
| A. A. Cook | 35,557.01 | 344.30 | 286.23 | 2,974.93 | 114.75 | 1,205.48 | 525.39 | 229.85 | .50 | 53.69 |
| A. F. Wood | 15,648.75 | 226.89 | 201.60 | 2,056.04 | 48.41 | 314.00 | 258.50 | 1,675.36 | 15.88 | 21.06 |
| R. C. Ingraham | 25,410.25 | 175.07 | 290.87 | 2,226.74 | 135.53 | 450.15 | 232.16 | 1,339.62 | 2.48 | 19.10 |
| J. B. Congdon | 29,466.25 | 225.52 | 417.49 | 2,893.40 | 152.83 | 499.09 | 255.15 | 499.25 | 256.65 | 27.35 |
| Thomas Donaghy | 22,832.13 | 200.93 | 406.89 | 2,356.05 | 141.85 | 684.12 | 792.87 | 1,367.71 | 12.89 | 17.30 |
| Wm. H. Taylor | 25,766.38 | 54.15 | 475.21 | 2,220.73 | 72.76 | 307.74 | 121.16 | 297.79 | 135.96 | 22.54 |
| Chas. S. Ashley | 37,351.50 | 42.95 | 600.82 | 2,879.43 | 128.39 | 806.04 | 301.74 | 460.95 | 2.90 | 33.09 |
| Thos. R. Rodman | 28,069.25 | 166.76 | 281.61 | 2,163.93 | 75.23 | 542.75 | 104.52 | 539.45 | 9.50 | 47.54 |
| Jereh Swift | 33,041.81 | 360.78 | 251.35 | 2,397.20 | 119.22 | 1,294.28 | 468.19 | 865.91 | 1,888.12 | 27.51 |
| Abraham Lincoln | 37,720.25 | 139.12 | 585.04 | 2,983.30 | 141.70 | 892.55 | 979.67 | 511.58 | 99.93 | 49.04 |
| Betsey B. Winslow | 32,249.38 | 171.89 | 535.29 | 2,435.93 | 90.69 | 932.17 | 723.69 | 358.34 | 33.96 | 46.05 |
| Mt. Pleasant | 28,536.88 | 146.65 | 173.65 | 2,450.91 | 127.76 | 423.77 | 358.74 | 293.38 | 2.00 | 30.40 |
| J. B. DeValles | 39,838.25 | 151.37 | 340.53 | 2,927.60 | 159.58 | 531.51 | 1,047.78 | 391.82 | 5.15 | 33.69 |
| John H. Clifford | 18,754.00 | 131.69 | 340.80 | 2,305.24 | 93.69 | 282.38 | 264.36 | 902.56 | 7.81 | 14.28 |
| Phillips Avenue | 19,210.75 | 89.19 | 160.52 | 1,922.80 | 83.85 | 1,040.70 | 188.46 | 263.31 | 36.26 | 21.20 |
| Cedar Grove St. | 25,787.25 | 128.44 | 317.29 | 2,337.70 | 70.22 | 581.48 | 222.76 | 193.95 | 166.38 | 22.78 |
| Clark Street | 18,203.00 | 135.43 | 156.35 | 1,802.67 | 59.11 | 237.23 | 49.24 | 206.82 | | 14.99 |
| Merrimac St. | 13,347.88 | | 102.12 | 1,622.33 | 70.07 | 360.00 | 112.82 | 62.53 | 12.59 | 8.82 |
| Mary B. White | 9,426.50 | 16.86 | 157.10 | 1,645.00 | 49.66 | 260.08 | 38.35 | 143.16 | 2.18 | 4.64 |
| H. A. Kempton | 16,211.25 | 54.34 | 139.36 | 1,677.32 | 49.27 | 266.63 | 106.40 | 101.63 | 72.90 | 17.59 |
| Jedar Street | 11,830.25 | 6.53 | 59.14 | 1,628.33 | 32.97 | 154.75 | 55.15 | 133.79 | 5.00 | 8.05 |
| Harrington Mem'l | 20,519.25 | 6.75 | 74.15 | 2,065.33 | 77.72 | 508.46 | 119.74 | 783.69 | 7.78 | 18.74 |
| T. A. Greene | 16,885.50 | 42.07 | 102.29 | 1,674.67 | 50.42 | 551.90 | 384.71 | 144.38 | .50 | 12.47 |
| Acushnet Ave. | 19,310.75 | 226.21 | 186.07 | 2,105.37 | 60.66 | 394.65 | 246.68 | 529.01 | 69.96 | 17.06 |
| Thompson St. | 21,535.25 | 90.47 | 178.63 | 1,912.36 | 73.69 | 421.88 | 227.82 | 182.33 | 7.59 | 18.05 |
| I. W. Benjamin | 28,825.12 | 108.53 | 297.07 | 2,260.71 | 114.57 | 583.40 | 189.81 | 502.68 | .50 | 18.10 |
| Dartmouth St. | 9,565.87 | 26.30 | 102.00 | 1,635.25 | 46.70 | 818.75 | 158.67 | 3.23 | .50 | 12.56 |
| Geo. H. Dunbar | 17,360.00 | 17.67 | 151.98 | 1,750.15 | 55.92 | 312.98 | 106.16 | 621.87 | 5.50 | 15.72 |
| Sarah D. Ottiwell | 33,142.25 | 284.44 | 298.72 | 2,342.10 | 64.82 | 738.02 | 346.24 | 22.60 | .50 | 26.53 |
| John Hannigan | 32,467.50 | 59.18 | 292.69 | 2,325.39 | 82.45 | 606.33 | 402.16 | 830.43 | 3.65 | 28.95 |
| Plainville | 1,969.50 | 13.67 | 10.50 | 402.56 | 14.46 | 76.63 | 5.00 | 167.16 | | 3.60 |
| Rockdale | 1,524.25 | | 4.22 | 402.56 | 9.67 | 654.12 | 5.60 | 189.78 | | 3.60 |
| Hospital Classes | 6,060.00 | 7.64 | 15.78 | 1,570.00 | | 22.23 | 10.40 | 14.99 | | 7.20 |
| Classes Mentally Retarded | 17,199.00 | | 505.61 | | | | | | | |
| Open Air Classes | 4,141.00 | | 7.19 | | | | | | | |
| Conservation of Eyesight Classes | 4,067.75 | 1.43 | 55.30 | | 31.86 | 37.24 | 22.95 | | 12.36 | 6.28 |
| Compulsory Evening Schools | 11,793.50 | 184.00 | 82.87 | 590.46 | | | | | | |
| Americanization Classes | 21,704.00 | | 127.58 | 308.54 | | | | | | |
| Manual Training | 4,696.50 | | 127.56 | | | | | | | |
| Cooking | 2,515.50 | | 250.59 | | | | | | | |
| Sewing | 6,808.00 | | 71.32 | | | | | | | |
| Music, Vocal and Instrumental | 13,323.25 | | | | | | | | | 339.50 |
| Art | 6,301.37 | | 40.32 | | | | | | | |
| Supervisors and Substitutes | 11,990.25 | | | | | | | | | |
| Physical Education | 13,984.00 | | 404.97 | | | | | | | |
| Health and Hygiene | | | 715.33 | 21,942.36 | | | | | | |
| Workshop Classes | 16,337.00 | | 963.74 | | | | | | | |
| Continuation Schools | 65,464.00 | 122.40 | 2,609.46 | 6,943.07 | 113.15 | 1,039.11 | 630.24 | 306.52 | 1,246.61 | 3,276.15 |
| Miscellaneous | | | | | | | | | 4,408.84 | 127.48 |
| Office | | 331.50 | 1,232.62 | 52,264.18 | 74.99 | 362.50 | 437.94 | 1,487.88 | 551.04 | |
| Sales | | 176.13 | 47.10 | | 34.58 | | | | | |
| Stock | | 6,963.00 | 4,119.88 | | 1,387.45 | | | | | |
| Total | \$1,370,406.32 | \$19,143.02 | \$30,247.27 | \$197,277.70 | \$5,877.68 | \$31,392.31 | \$14,625.41 | \$23,999.81 | \$10,530.17 | \$5,806.62 |

Grand Total

\$1,709,306.31

SCHOOL REPORT

V 11

1928

JONATHAN BOURNE PRIZE FUND

| | | |
|-------------------------|----------|---------|
| Income during year | \$100.00 | |
| Dr. 1927 | 37.50 | |
| | <hr/> | \$62.50 |
| Expenditures for prizes | | 60.00 |
| | | <hr/> |
| Balance, Dec. 1, 1928 | | \$2.50 |

1928

DOG FUND

| | | |
|---------------------------|------------|------------|
| Balance, Dec. 1, 1927 | \$2,382.46 | |
| Income during year | 4,551.40 | |
| | <hr/> | \$6,933.86 |
| Expenditures for the year | | 2,847.15 |
| | | <hr/> |
| Balance, Dec. 1, 1928 | | \$4,086.71 |

1928

C. S. PAISLER FUND

| | | |
|---------------------------|----------|------------|
| Balance, Dec. 1, 1927 | \$278.54 | |
| Income during year | 803.16 | |
| | <hr/> | \$1,081.70 |
| Expenditures for the year | | 502.32 |
| | | <hr/> |
| Balance Dec. 1, 1928 | | \$579.38 |

RECEIPTS AND EXPENDITURES

CONTINUATION SCHOOL

| | | |
|-----------------------------------|-------------|-------------|
| Appropriation 1928 | \$72,000.00 | |
| Smith-Hughes Fund | 5,860.35 | |
| Sale of Products | 872.25 | |
| | <hr/> | \$78,732.60 |
| Total expenditures | | 78,168.04 |
| | | <hr/> |
| Returned to Unappropriated Funds: | | \$564.56 |

DETAIL OF EXPENDITURES

| | |
|----------------------|-------------|
| Salaries | \$72,407.07 |
| Books and Supplies | 2,731.86 |
| Custodians' supplies | 113.15 |

| | | |
|--------------------------------------|-------------|-------------|
| Equipment, Replacement and Repair of | | |
| Equipment | 451.19 | |
| Fuel | 1,039.11 | |
| Light and Water | 630.24 | |
| Transportation | 495.00 | |
| Telephones | 194.74 | |
| Miscellaneous | 105.68 | |
| | | <hr/> |
| | | \$78,168.04 |
| Reimbursement: | | |
| State | \$33,476.93 | |
| Smith-Hughes Fund | 5,860.35 | |
| Tuition | 5,963.88 | |
| Sale of Products | 872.25 | |
| | | <hr/> |
| | | \$46,173.41 |
| Total Expenditures | | \$78,168.04 |
| Receipts | | 46,173.41 |
| | | <hr/> |
| Net cost to City | | \$31,994.63 |

COST BY DEPARTMENTS

Based on Average Membership

| | Expended |
|--------------------------------------|------------|
| I. Administration: | |
| Superintendent | \$6,541.67 |
| Assistant | 4,528.84 |
| Per pupil | .63+ |
| Office | 29,048.17 |
| Per pupil | 1.66+ |
| II. Instruction: | |
| Salaries: | |
| High School | 188,220.07 |
| Per pupil | 120.96+ |
| Junior High Schools | 197,540.80 |
| Per pupil | 91.79+ |
| Elementary Schools | 847,873.36 |
| Per pupil | 61.75+ |
| High School Supervisors | 2,337.70 |
| Per pupil | 1.50+ |
| Junior High School Supervisors | 6,131.50 |
| Per pupil | 2.89+ |
| Elementary School Supervisors | 15,357.39 |
| Per pupil | 1.11+ |
| Evening High School | 6,160.00 |
| Per pupil | 9.04+ |

SCHOOL REPORT

V 13

| | |
|----------------------------------|-----------|
| Evening Elementary Schools | 5,633.50 |
| Per pupil | 7.59+ |
| Americanization Classes | 21,704.00 |
| Per pupil | 8.77+ |
| Text Books: | |
| High School | 2,759.48 |
| Per pupil | 1.77+ |
| Junior High Schools | 4,483.39 |
| Per pupil | 2.08+ |
| Elementary Schools | 4,123.12 |
| Per pupil | .30+ |
| Office | 331.50 |
| Per pupil | .01+ |
| Evening High | 184.00 |
| Per pupil | .27+ |
| Evening Elementary Schools | |
| Per pupil | |
| Americanization Classes | |
| Per pupil | |
| Regular Supplies: | |
| High School | 4,814.99 |
| Per pupil | 3.09+ |
| Junior High Schools | 5,708.20 |
| Per pupil | 2.65+ |
| Elementary Schools | 11,528.41 |
| Per pupil | .83+ |
| Office | 1,642.82 |
| Per pupil | .09+ |
| Evening High School | 37.14 |
| Per pupil | .05+ |
| Evening Elementary School | 45.73 |
| Per pupil | .06+ |
| Americanization Classes | 127.58 |
| Per pupil | .05+ |
| III. Operating Expenses: | |
| Salaries: | |
| Custodians: | |
| High School | 18,529.63 |
| Per pupil | 11.90+ |
| Junior High Schools | 18,409.21 |
| Per pupil | 8.55+ |
| Elementary Schools | 88,126.32 |
| Per pupil | 6.41+ |
| Evening Elementary Schools | 590.46 |
| Per pupil | .82+ |
| Americanization Classes | 308.54 |
| Per pupil | .12+ |

| | |
|-------------------------------------|-----------|
| Miscellaneous: | |
| High School | 4,601.31 |
| Per pupil | 2.95+ |
| Junior High Schools | 8,913.13 |
| Per pupil | 4.14+ |
| Elementary Schools | 32,183.56 |
| Per pupil | 2.34+ |
| Office | 3,388.51 |
| Per pupil | .19+ |
| Supplies: | |
| High School | 538.90 |
| Per pupil | .34+ |
| Junior High Schools | 808.38 |
| Per pupil | .37+ |
| Elementary Schools | 2,920.23 |
| Per pupil | .21+ |
| Office | 74.99 |
| Per pupil | .004+ |
| IV. Maintenance: | |
| Repairs | |
| High School | 4,262.23 |
| Per pupil | 2.73+ |
| Junior High Schools | 1,429.68 |
| Per pupil | .66+ |
| Elementary Schools | 16,820.02 |
| Per pupil | 1.22+ |
| Office | 1,487.88 |
| Per pupil | .08+ |
| V. Auxiliary Agencies: | |
| Health | 22,657.69 |
| Per pupil | 1.29+ |
| Physical Education | 14,388.97 |
| Per pupil | .82+ |
| Transportation | 5,935.52 |
| Per pupil | .34+ |
| VI. Miscellaneous: | |
| Incidentals | 3,246.09 |
| Per pupil | .18+ |
| VII. Howland Fund | 2,397.15 |
| Per pupil | .13+ |
| VIII. Paisler Fund: | |
| High School | 502.32 |
| Per pupil | .32+ |
| IX. Sales | 257.81 |
| X. Stock on hand Dec. 1, 1928 | 12,470.33 |
| Grand Total | |
| \$1,632,112.22 | |

TEXT BOOKS, STATIONERY AND CUSTODIANS' SUPPLIES

STATEMENT FOR 1928

Dr.

| | Purchased in 1928 | Stock Dec. 1, 1927 | TOTALS | |
|----------------------|----------------------|-----------------------|-------------|--|
| Books | \$13,944.87 | \$5,075.75 | \$19,020.62 | |
| Stationery Supplies | 18,441.12 | 3,437.57 | 21,878.69 | |
| Custodians' Supplies | 4,033.76 | 1,730.77 | 5,764.53 | |
| | \$36,419.75 | \$10,244.09 | \$46,663.84 | |

Cr.

| | Charged to Schools | Stock Dec. 1, 1928 | Cash Re- ceipts, 1928 | TOTALS |
|----------------------|-----------------------|-----------------------|--------------------------|-------------|
| Books | \$11,881.49 | \$6,963.00 | \$176.13 | \$19,020.62 |
| Stationery Supplies | 17,711.71 | 4,119.88 | 47.10 | 21,878.69 |
| Custodians' Supplies | 4,342.50 | 1,387.45 | 34.58 | 5,764.53 |
| | \$33,935.70 | \$12,470.33 | \$257.81 | \$46,663.84 |

The average cost per pupil in the different departments of the schools, for text books and supplies, has been as follows:

| | |
|--|---------|
| High School | \$5.47+ |
| Junior High Schools | 4.84+ |
| Elementary schools | 1.24+ |
| Average for day schools | 2.07+ |
| Average for Evening Elementary schools | .06+ |
| Average for Evening High school | .32+ |
| Average for Americanization | .05+ |

DEPARTMENT OF PUBLIC SCHOOLS

For the year beginning Sept. 6, 1927, ending June 29, 1928.

| | Total Member- ship | Average Member- ship | Average Daily Attend- ance | Aggregate Attendance |
|--|--------------------------|----------------------------|-------------------------------------|-------------------------|
| High, | 1,895 | 1,556 | 1,500 | 286,066 |
| Junior High, | 2,694 | 2,152 | 2,051 | 388,591 |
| Elementary, | 17,500 | 13,730 | 12,993 | 2,498,233 |
| Evening Schools: | | | | |
| High, | 1,303 | 681 | 575 | 34,482 |
| Elementary, | 1,049 | 742 | 655 | 22,690 |
| Americanization Dept. | | | | |
| Evening Schools — | 1,083 | 624 | 586 | 20,029 |
| Mills, Clubs, Homes, and other centers— | 2,472 | 1,849 | 1,566 | 54,036 |

CONTINUATION SCHOOLS

| Total Membership | Enrolled | Average Membership | Average Attendance | Aggregate Attendance (4 hr. days) | Total Make-up (4 hr. days) |
|---------------------|----------|-----------------------|-----------------------|---|----------------------------------|
| 3,346 | 2,256 | 1,814 | 1,702 | 64,365 | 1,818 |

AVERAGE AGE OF PUPILS IN VARIOUS GRADES

June 29, 1928.

HIGH SCHOOL

| | | Yrs. | Mos. |
|-------------------------|---------|------|------|
| Post Graduates | | 18 | 2 |
| Senior, | II..... | 17 | 4 |
| Senior, | I..... | 17 | |
| Junior, | II..... | 16 | 6 |
| Junior, | I..... | 16 | 2 |
| Sophomore, | II..... | 15 | 6 |
| Sophomore, | I..... | 15 | |
| Freshmen, | II..... | 14 | 5 |
| Freshmen, | I..... | 14 | 3 |
| Average for school..... | | 16 | — |

MEMBERSHIP ON OCTOBER 1, 1928

| AGE GRADES | | 4 yrs. | 5 yrs. | 6 yrs. | 7 yrs. | 8 yrs. | 9 yrs. | 10 yrs. | 11 yrs. | 12 yrs. | 13 yrs. | 14 yrs. | 15 yrs. | 16 yrs. | 17 yrs. | 18 yrs. | 19 yrs. | 20 yrs. | 21 yrs. | Accel. | Nor'l | Ret'd | Totals |
|------------------|-----|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-------------|-------------|-------------|
| Kgn. | B G | 1 2 | 209 220 | 1 | | | | | | | | | | | | | | | | 1 2 | 209 221 | | 210 223 |
| Adv. Kgn. | B G | | 188 188 | 1 1 | | | | | | | | | | | | | | | | | 189 189 | | 189 189 |
| 1B | B G | | 7 9 | 550 525 | 86 83 | 12 17 | 1 2 | | 1 1 | | | | | | | | | | | 7 9 | 636 608 | 14 20 | 657 637 |
| 1A | B G | | | 227 221 | 191 175 | 52 34 | 9 11 | 3 1 | 2 | | | | | | | | | | | | 418 396 | 66 46 | 484 442 |
| 2B | B G | | | 10 4 | 390 393 | 156 122 | 55 35 | 15 9 | 1 6 | 1 | | | | | | | | | | 10 4 | 546 515 | 72 50 | 628 569 |
| 2A | B G | | | 1 | 165 159 | 193 174 | 83 58 | 44 18 | 7 5 | 2 1 | 1 | | | | | | | | | 1 | 358 333 | 136 83 | 494 417 |
| 3B | B G | | | | 4 11 | 283 302 | 146 115 | 60 39 | 24 10 | 5 3 | 1 | | | | | | | | | 4 11 | 429 417 | 90 52 | 523 479 |
| 3A | B G | | | | 3 10 | 131 148 | 158 121 | 81 51 | 31 19 | 17 8 | 2 1 | 1 | | | | | | | | 3 10 | 289 269 | 132 79 | 424 358 |
| 4B | B G | | | | 1 | 43 35 | 214 237 | 123 146 | 75 38 | 33 25 | 14 4 | 2 1 | 1 | | | | | | | 43 36 | 337 383 | 124 69 | 504 488 |
| 4A | B G | | | | | 1 1 | 117 119 | 150 151 | 97 68 | 33 47 | 26 9 | 2 1 | 2 | 2 | | | | | | 1 1 | 267 270 | 162 125 | 430 396 |
| 5B | B G | | | | | | 26 50 | 220 259 | 114 118 | 73 57 | 32 26 | 12 9 | 2 3 | 1 | | | | | | 26 50 | 334 377 | 119 96 | 479 523 |
| 5A | B G | | | | | | 5 6 | 98 124 | 132 149 | 85 87 | 54 45 | 29 14 | 5 1 | 3 | | | | | | 5 6 | 230 273 | 176 147 | 411 426 |
| 6B | B G | | | | | | | 2 57 | 155 223 | 107 110 | 67 59 | 40 17 | 19 14 | 1 | | | | | | 42 59 | 262 333 | 127 90 | 431 482 |
| 6A | B G | | | | | | | 4 8 | 83 116 | 124 121 | 79 93 | 60 46 | 32 21 | 5 2 | | | | | | 4 8 | 207 237 | 176 162 | 387 407 |
| 7B | B G | | | | | | | | 40 30 | 186 198 | 118 103 | 64 55 | 25 16 | 6 3 | | | | | | 40 30 | 304 301 | 95 74 | 439 405 |
| 7A | B G | | | | | | | | 5 2 | 69 89 | 125 110 | 73 54 | 31 22 | 2 1 | | | | | | 5 2 | 194 199 | 106 77 | 305 278 |
| 8B | B G | | | | | | | | 2 | 38 42 | 153 186 | 78 81 | 39 22 | 3 1 | 1 | | | | | 38 44 | 231 267 | 43 25 | 312 336 |
| 8A | B G | | | | | | | | 1 1 | 3 9 | 91 88 | 88 93 | 36 33 | 12 6 | 3 | | | | | 4 10 | 179 181 | 51 39 | 234 230 |
| 9B | B G | | | | | | | | | 3 3 | 40 53 | 123 173 | 64 49 | 16 19 | 3 2 | 1 | | | | 43 56 | 187 222 | 20 23 | 250 301 |
| 9A | B G | | | | | | | | | 2 1 | 58 78 | 72 68 | 25 14 | 8 4 | | | 1 | | | 2 13 | 130 146 | 34 18 | 166 177 |
| 10B | B G | | | | | | | | | 1 | 3 5 | 23 46 | 74 93 | 49 29 | 9 6 | 1 4 | | | | 26 52 | 123 122 | 10 10 | 159 184 |
| 10A | B G | | | | | | | | | | | 7 23 | 39 49 | 31 39 | 14 3 | | 1 1 | | | 7 23 | 70 88 | 15 4 | 92 115 |
| 11B | B G | | | | | | | | | | 1 5 | 25 26 | 40 76 | 19 23 | 7 6 | 2 | 1 | | | 26 31 | 59 99 | 10 6 | 95 136 |
| 11A | B G | | | | | | | | | | | 2 6 | 29 39 | 18 27 | 13 7 | 3 2 | | 1 | | 2 6 | 47 66 | 17 9 | 66 81 |
| 12B | B G | | | | | | | | | | | 1 37 | 35 51 | 10 20 | 9 2 | 2 2 | 1 | | | 12 42 | 45 71 | 12 4 | 69 117 |
| 12A | B G | | | | | | | | | | | | 6 5 | 24 33 | 17 17 | 11 3 | | 1 | | 6 5 | 41 50 | 11 4 | 58 59 |
| 13A | B G | | | | | | | | | | | | 1 3 | 2 6 | 2 1 | 1 2 | | 1 | | 4 6 | 3 3 | 1 1 | 8 10 |
| Totals | B G | 1 2 | 404 417 | 788 753 | 839 832 | 871 833 | 814 756 | 840 863 | 768 788 | 779 802 | 807 795 | 661 697 | 467 428 | 243 273 | 137 156 | 51 55 | 28 10 | 3 4 | 3 2 | 361 517 | 6,324 6,636 | 1,819 1,313 | 8,504 8,466 |
| Grand Totals | | 3 | 821 | 1,541 | 1,671 | 1,704 | 1,570 | 1,703 | 1,556 | 1,581 | 1,602 | 1,358 | 895 | 516 | 293 | 106 | 38 | 7 | 5 | 878 | 12960 | 3,132 | 16970 |
| Per cent | B G | | | | | | | | | | | | | | | | | | | 4.3% 6.1% | 74.4% 78.4% | 21.3% 15.5% | |
| General Per cent | | | | | | | | | | | | | | | | | | | | 5.1% | 76.3% | 18.6% | |

Children in Special and Ungraded Classes not included in above table.

SCHOOL REPORT

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JUNIOR HIGH SCHOOLS

| | | Yrs. | Mos. |
|--------------------------------------|------------|------|------|
| Grade | IXA..... | 15 | 4 |
| Grade | IXB..... | 15 | 2 |
| Grade | VIIIA..... | 14 | 4 |
| Grade | VIIIB..... | 14 | 1 |
| Grade | VIIA..... | 13 | 7 |
| Grade | VIIB..... | 14 | |
| | | — | — |
| Average for Junior High schools..... | | 14 | |

ELEMENTARY SCHOOLS

| | | Yrs. | Mos. |
|--------------------------------------|------------|------|------|
| Grade | VIIIA..... | 14 | 5 |
| Grade | VIIIB..... | 13 | 11 |
| Grade | VIIA..... | 14 | |
| Grade | VIIIB..... | 13 | 4 |
| Grade | VIA..... | 13 | |
| Grade | VIB..... | 12 | 7 |
| Grade | VA..... | 11 | 11 |
| Grade | VB..... | 11 | 7 |
| Grade | IVA..... | 10 | 9 |
| Grade | IVB..... | 10 | 3 |
| Grade | IIIA..... | 9 | 8 |
| Grade | IIIB..... | 9 | 2 |
| Grade | IIA..... | 8 | 6 |
| Grade | IIB..... | 8 | 2 |
| Grade | IA..... | 7 | 4 |
| Grade | IB..... | 6 | 2 |
| Advanced Kindergarten | | 6 | |
| Kindergarten | | 5 | 7 |
| Ungraded | | 13 | 10 |
| Special Classes | | 12 | 10 |
| | | — | — |
| Average for Elementary schools | | 10 | 8 |

REPORT OF PROMOTIONS

For Term Ending June 29, 1928.

| | No. in Class | No. Promoted on Probation | No. Not Promoted | Per Cent not Promoted |
|------------------|-----------------|------------------------------|---------------------|--------------------------|
| Grade 1B | 980 | 20 | 193 | 19.7 |
| 1A | 1,228 | 28 | 160 | 13. |
| 2B | 1,000 | 36 | 159 | 16. |
| 2A | 986 | 48 | 100 | 10. |
| 3B | 829 | 36 | 103 | 12.4 |
| 3A | 948 | 26 | 66 | 7. |
| 4B | 867 | 34 | 91 | 10.5 |
| 4A | 907 | 53 | 94 | 10.4 |
| 5B | 903 | 45 | 91 | 10. |
| 5A | 863 | 55 | 78 | 9. |
| 6B | 787 | 66 | 90 | 11.4 |
| 6A | 950 | 16 | 105 | 11. |
| 7B | 172 | 20 | 27 | 15.7 |
| 7A | 196 | 13 | 14 | 7. |
| 8B | 140 | 10 | 14 | 10. |
| 8A | 155 | .. | 5 | 3.2 |
| <hr/> | | | | |
| Totals | 11,911 | 506 | 1,390 | 11.6 |

Pupils in special classes not included in above table.

AGE AND SCHOOLING CERTIFICATES

Issued During 1928

Number of minors to whom certificates were issued during the year,
and the number of each type certificate issued.

| EMPLOYMENT CERTIFICATES (14 to 16 years of age) | | | | | | | | | | | | | | EDUCATIONAL CERTIFICATES (16 to 21 years of age) | | | | | | | | | | | | |
|--|-----|-----|---------|-----|------|------------------|----|----|---------|----|----|----------------|----|--|------|---|------|----------|-----|------|----------|-----|-----|-------------------|------|--|
| Home Permits | | | Regular | | | Non- resident | | | Limited | | | Tem- porary | | | Farm | | | Domestic | | | Literate | | | Evening School | | |
| | I | SI | S | I | SI | S | I | SI | S | I | SI | S | I | SI | S | I | SI | S | I | SI | S | I | SI | S | | |
| Boys Girls | 1 | | | 528 | 23 | 151 | 12 | 6 | | 76 | | 7 | 39 | 4 | 1 | 2 | 4 | 1 | | 1551 | 129 | 356 | 203 | 3 | 43 | |
| | 109 | 15 | 39 | 376 | 94 | 91 | 16 | 4 | | 8 | | | 7 | 1 | | | | | 184 | 57 | 1582 | 112 | 385 | 161 | 54 | |
| Boys & Girls | 110 | 15 | 39 | 904 | 117 | 242 | 28 | 10 | | 84 | | 7 | 46 | 5 | 1 | 2 | 4 | 1 | 184 | 57 | 3133 | 241 | 741 | 364 | 3 97 | |
| Totals | | 164 | | | 1263 | | 38 | | 91 | | 52 | | 7 | | 298 | | 4115 | | | | | | | 464 | | |

TOTAL NUMBER ISSUED: 6,492

I--Initial first certificate issued.

SI--Subsequent certificate but first of its type.

S--Subsequent certificate of same type.

REPORT OF ATTENDANCE OFFICERS

From September 7, 1927 to June 29, 1928.

| | Mr. Silvia | Mr. Howes | Mr. Covill | Mr. Noyer |
|---|---------------|--------------|---------------|--------------|
| Schools visited | 1,527 | 1,836 | 1,335 | 1,529 |
| Absences of pupils reported by teachers | 1,152 | 1,510 | 1,535 | 866 |
| Absences of pupils without permission of parent | 36 | 55 | 39 | 43 |
| Second offenses | 14 | 22 | 19 | 25 |
| Third offenses | 8 | 7 | 10 | 16 |
| Parents and guardians notified | 1,228 | 1,449 | 1,483 | 811 |
| Pupils returned to school from streets | 30 | 12 | 27 | 19 |
| Arrests | 0 | 2 | 0 | 1 |
| Prosecutions | 0 | 2 | 0 | 1 |
| Placed on probation | 0 | 1 | 0 | 0 |
| Sentenced to training school | 0 | 1 | 0 | 1 |
| Visits to mills | 57 | 33 | 54 | 61 |
| Violations of labor laws | 3 | 5 | 4 | 9 |
| Transfer cards received | 708 | 1,470 | 754 | 1,009 |
| Evening school absences reported and investigated | 102 | 119 | 125 | 161 |
| Posters carried out | 80 | 65 | 80 | 100 |
| Enrollment cards carried out | 300 | 165 | 200 | 400 |
| Visits to mercantile establishments | 36 | 29 | 34 | 49 |
| Notices carried to schools | 808 | 570 | 494 | 837 |
| Cases of tardiness investigated | 47 | 10 | 24 | 23 |

DEPARTMENT OF PUBLIC SCHOOLS

Brief description of the schoolhouses, with their accommodations and conditions, January 1, 1929.

SCHOOL REPORT

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| NAME OF SCHOOL | LOCATION | Material | No. of stories | No. of rooms | No. of halls | No. of gymnasiums | No. of sittings | Year completed | Estimated Value | No. of Portables | Year Purchased | Estimated Value |
|-------------------------|---------------------------------------|----------|----------------|--------------|--------------|-------------------|-----------------|----------------|-----------------|------------------|----------------|-----------------|
| School Committee Rooms. | | | | | | | | | | | | |
| High. | | | | | | | | | | | | |
| Normandin Junior High. | 166 William St. | Wood | 2 | 41 | 2 | 2 | 800 | 1851 | \$12,150 | | | |
| Roosevelt Junior High. | Tarklin Hill Road and Felton St. | Brick | 3 | 40 | 1 | 1 | 1200 | 1912 | 800,000 | | 1925 | \$8,262 |
| Parker Street. | Frederick St., near Brock Ave. | Brick | 3 | 40 | 1 | 1 | 1200 | 1927 | 584,430 | | 1910 | 1,944 |
| Hosea M. Knowlton. | Parker St., near County St. | Brick | 3 | 12 | 1 | 1 | 504 | 1902 | 591,044 | | | |
| Clarence A. Cook. | Cor. County and Coggeshall Sts. | Brick | 3 | 16 | 1 | 1 | 1200 | 1852 | 106,675 | | 1911 | 6,733 |
| Allen F. Wood. | Summer St., cor. Mill St. | Brick | 3 | 18 | 1 | 1 | 621 | 1906 | 140,400 | | | |
| Robert C. Ingraham. | Cor. Pleasant and Russell Sts. | Brick | 3 | 10 | 1 | 1 | 717 | 1922 | 566,311 | | | |
| James B. Congdon. | Cor. Rivet and Blackwell Sts. | Brick | 3 | 12 | 1 | 1 | 420 | 1860 | 45,675 | | | |
| Thomas Donaghy. | Henlock St., cor. Thompson St. | Brick | 3 | 16 | 1 | 1 | 504 | 1901 | 110,925 | | | |
| William H. Taylor. | Cor. South St. and Acushnet Ave. | Brick | 3 | 12 | 1 | 1 | 672 | 1908 | 133,375 | | | |
| Charles S. Ashley. | Brock Ave. | Brick | 3 | 12 | 1 | 1 | 441 | 1905 | 101,975 | | | |
| Thomas R. Rodman. | Between Ashley Blvd. & Rochambeau St. | Brick | 3 | 12 | 1 | 1 | 504 | 1898 | 116,525 | | 1911 | 2,250 |
| Jireh Swift. | Mill St., cor. Rockdale Ave. | Brick | 3 | 10 | 1 | 1 | 801 | 1922 | 102,725 | | 1916/1919 | 5,722 |
| Abraham Linsoln. | Lunds Corner. | Brick | 3 | 10 | 1 | 1 | 420 | 1909 | 110,025 | | 1915/1924 | 11,758 |
| Mt. Pleasant. | Cor. Ashley Blvd. and Glennon St. | Brick | 3 | 12 | 1 | 1 | 840 | 1911 | 191,750 | | 1915/1922 | 7,730 |
| John B. DeValles. | Allen, near Reed St. | Brick | 3 | 20 | 1 | 1 | 840 | 1912 | 673,118 | | | |
| John H. Clifford. | Mt. Pleasant, near Sawyer St. | Brick | 3 | 20 | 1 | 1 | 786 | 1914 | 222,425 | | | |
| Phillips Avenue. | Coggeshall St., cor. Ashley Blvd. | Brick | 3 | 12 | 1 | 1 | 462 | 1901 | 103,600 | | | |
| Cedar Grove Street. | Phillips Ave., cor. Ashley Blvd. | Brick | 3 | 8 | | | 282 | 1897 | 61,775 | | 1915 | 6,155 |
| Clark Street. | Cedar Grove St., near Acushnet Ave. | Brick | 3 | 15 | | | 591 | 1883 | 46,075 | | | |
| Merrimac Street. | Clark St., cor. Myrtle St. | Brick | 3 | 8 | | | 324 | 1897 | 55,450 | | | |
| Mary B. White. | Merrimac St., cor. State St. | Brick | 3 | 6 | | | 252 | 1857 | 22,600 | | | |
| Horatio A. Kempton. | Cor. Pleasant and Maxfield Sts. | Brick | 3 | 4 | | | 168 | 1881 | 31,625 | | | |
| Harrison Memorial. | Shawmut Ave., near Maitland St. | Wood | 3 | 8 | | | 324 | 1901 | 78,850 | | | |
| Sylvia Ann Howland. | Cor. Cedar and Maxfield Sts. | Brick | 3 | 6 | | | 252 | 1855 | 10,125 | | | |
| Thomas A. Greene. | Cor. Court and Tremont Sts. | Brick | 3 | 7 | 1 | | 381 | 1889 | 73,350 | | | |
| Acushnet Avenue. | Cor. Pleasant and Kempton Sts. | Brick | 3 | 10 | | | 198 | 1893 | 95,450 | | 1915 | 2,053 |
| Thompson Street. | Cor. Purchase and Madison Sts. | Brick | 3 | 8 | | | 336 | 1894 | 90,075 | | 1910 | 2,468 |
| Isaac W. Benjamin. | Acushnet Ave., near Grinnell St. | Brick | 3 | 10 | | | 381 | 1878 | 63,075 | | 1910 | 1,944 |
| Dartmouth Street. | Thompson St., cor. Crapo St. | Brick | 3 | 8 | | | 381 | 1885 | 57,575 | | 1911 | 4,493 |
| George H. Dunbar. | Division St., near Acushnet Ave. | Brick | 3 | 12 | | | 492 | 1891 | 48,575 | | 1903/1911 | 7,183 |
| Sarah D. Ottwell. | Cor. Dartmouth and Hickory Sts. | Wood | 3 | 8 | | | 324 | 1855 | 21,675 | | | |
| John Hannigan. | Cor. Earle and Diman Sts. | Brick | 3 | 8 | | | 324 | 1897 | 59,850 | | 1911 | 2,250 |
| Rockdale. | Emery St. | Stucco | 2 | 15 | 1 | | 618 | 1918 | 208,300 | | | |
| Sassaquin. | Plainville Road. | Brick | 2 | 16 | 1 | | 633 | 1921 | 273,500 | | | |
| Sol-E-Mar Hospital. | Pathway Road. | Wood | 1 | 1 | | | 30 | 1846 | 1,450 | | | |
| Continuation School. | Sassaquin Sanatorium. | Brick | 1 | 3 | | | 25 | 1924 | 31,500 | | | |
| Continuation School. | Sol-E-Mar Hospital. | Wood | 1 | 4 | | | 80 | 1920 | 9,500 | | | |
| Unoccupied. | Cor. Bowditch and Coggeshall Sts. | Wood | 1 | 4 | | | 80 | 1920 | 9,500 | | | |
| | Cor. South and Purchase Sts. | Wood | 1 | 2 | | | 90 | 1852 | 2,000 | | | |
| | County Road. | | | | | | | | | | | |
| | Totals. | | 531 | 23 | 8 | 19198 | | | \$6,878,210 | 27 | | \$68,947 |

NEW BEDFORD PUBLIC SCHOOLS

JUNIOR HIGH SCHOOL GRADUATES—1928

| | Boys | Girls |
|--|-----------|-----------|
| Normandin—Edward B. Gray, Principal | 83 | 96 |
| Roosevelt—Elwyn G. Campbell, Principal | 74 | 88 |
| | <hr/> 157 | <hr/> 184 |

GRAMMAR SCHOOL GRADUATES—1928

| | | |
|---|-----------|-----------|
| Parker Street—Arthur F. Gilbert, Principal | 39 | 58 |
| Clarence A. Cook—Leslie H. Sutherland, Principal | 42 | 34 |
| Thomas R. Rodman—Sarah A. Russ, Principal | 23 | 39 |
| Betsey B. Winslow—Leslie H. Sutherland, Principal | 28 | 38 |
| | <hr/> 132 | <hr/> 169 |

Rates of tuition for non-resident pupils for school year, September 4, 1928, to June 28, 1929, same to be paid quarterly in advance:

| | |
|---------------------|----------|
| High School | \$150.00 |
| Junior High Schools | 125.00 |
| Elementary Schools | 90.00 |

SALARIES

January 1, 1928

| | Max. |
|--|---------|
| Superintendent | \$6,500 |
| Assistant Superintendent Elementary Day Schools | 4,500 |
| Director Department Health and Hygiene | 5,000 |
| Director of Continuation Schools and Junior High Schools | 4,500 |

HIGH SCHOOL

| | |
|---|---------|
| Principal | \$4,725 |
| Assistant Principals | 3,600 |
| Heads of Departments | 3,100 |
| Clerk, (per week) | 35.00 |
| Matron, (per week) | 32.50 |
| Custodian, R. O. T. C. Property, (per week) | 5.00 |
| Accompanists, (per day) | 4.50 |

BASAL SCHEDULES FOR PRINCIPALS OF ELEMENTARY AND JUNIOR HIGH SCHOOLS

| | First Year | Second Year | Third Year | Fourth Year |
|---------------------|---------------|----------------|---------------|----------------|
| Elementary Schools | | | | |
| 10-14 class units | \$2,100 | \$2,250 | \$2,400 | \$2,550 |
| 15-19 class units | 2,350 | 2,500 | 2,650 | 2,800 |
| 20-24 class units | 2,600 | 2,750 | 2,900 | 3,050 |
| 25 plus class units | 2,850 | 3,000 | 3,150 | 3,300 |
| Junior High Schools | 3,400 | 3,600 | 3,800 | 4,000 |

Rockdale and Plainville principalships, \$50 in addition to salary to which principal is entitled as a teacher.

Principalships with less than 10 class units, first year \$100, thereafter \$150 in addition to salary to which principal would be entitled as a teacher.

BASAL SALARY SCHEDULES FOR REGULAR CLASSROOM TEACHERS

| Years of Credited Experience | Kinder- garten Elementary | Junior High | Senior High |
|------------------------------------|---------------------------------|----------------|----------------|
| 0 | \$1,000 | \$1,300 | \$1,500 |
| 1 | 1,100 | 1,425 | 1,650 |
| 2 | 1,200 | 1,550 | 1,800 |
| 3 | 1,300 | 1,675 | 1,950 |
| 4 | 1,400 | 1,800 | 2,100 |
| 5 | 1,500 | 1,925 | 2,250 |
| 6 | 1,600 | 2,050 | 2,400 |
| 7 | 1,700 | 2,175 | 2,550 |
| 8 | 1,800 | 2,300 | 2,700 |
| 9 | 1,900 | | |
| Annual increase | \$100 | \$125 | \$150 |

Teachers of music, drawing, physical education, sewing, cooking, and sloyd are subject to the schedule applying to the type of school (elementary or junior high) in which they serve.

Continuation School teachers are subject to the Junior High Schedule.

Teachers of ungraded classes are entitled to \$50 in addition to regular salary under the schedule.

Teachers of special classes, sub-normal, sight saving and fresh air—working alone, \$150; with a "cadet" assistant \$250.

"Cadet" assistants, under the supervision of special class teachers \$100 additional.

Maximum salary of "cadet" assistants, working with special class teachers, \$1,300.

"Cadet" assistants working with kindergarten teachers, salary according to basal schedules, with a maximum of \$1,300.

Supervisor of groups of "cadet" grade teachers, \$100 first year, \$150 thereafter.

SUPERVISORS AND SPECIAL TEACHERS

| | Max. |
|---|---------|
| Physical Education | \$4,000 |
| Instrumental Music | 3,200 |
| Vocal Music | 2,975 |
| Practical Arts | 2,975 |
| Sloyd | 2,850 |
| Asst. Supervisor of Physical Education for the Grades | 2,700 |
| Americanization | 2,650 |
| Kindergartens | 2,200 |
| Special Classes | 2,350 |
| Cooking | 2,050 |
| Sewing | 2,050 |
| Elementary Evening Schools | 400 |

CONTINUATION SCHOOLS

| | Min. | Max. |
|-------------------------|---------|---------|
| Principals | \$2,100 | \$2,600 |
| Increase \$125 annually | | |

| | Per week |
|-------------------------------------|------------------|
| Superintendent's Secretary | \$40.00 |
| Bookkeeper | 32.00 |
| Office Clerks | \$18.00 to 27.00 |
| Storekeeper and Custodian | 38.00 |
| Chief Supervisor of Attendance | 42.30 |
| Assistant Supervisors of Attendance | 38.46 |
| Inspector of School Property | 61.53 |
| Supervisor of Nurses | 38.46 |
| Assistant Nurses | 30.00 |
| Department Mechanics | 40.00 to 44.00 |
| Chauffeur and Repair Man | 35.00 |
| High School: | |
| Engineer | 45.00 |
| Assistant Engineer | 40.00 |
| Firemen | 32.00 |
| Custodian | 35.00 |
| Outside Man | 32.00 |
| Women Helpers (per hour) | .40 |

SCHOOL REPORT

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Elementary School Custodians:

| | |
|--|-------|
| 4 room unit | 30.00 |
| Plus 50c for each additional room; hall equivalent to 1 room; cooking and manual training rooms equivalent to 2 rooms each | |
| Portables (per year) | 75.00 |
| Spare Custodians (per week) | 28.00 |
| Women helpers (per hour) | .40 |

EVENING SCHOOL SALARIES

| | Per night |
|--|-----------|
| High School Principal | \$10.00 |
| High School Teachers | 4.00 |
| High School Orchestra Leader | 5.00 |
| Elementary School Principals | 5.00 |
| Elementary School Teachers: | |
| (1) To trained teachers who are receiving maximum day school salary | 3.50 |
| (2) To trained teachers who have had one year of successful experience in evening school work | 3.50 |
| (3) Untrained teachers who have had at least two years of successful experience in evening school work | 3.50 |
| (4) To all others | 3.00 |
| | Per Hour |
| For teachers in Americanization Classes who come in classes 1, 2 and 3 as above | \$1.75 |
| For those in class 4 | 1.50 |

CALENDAR 1928—1929

TERMS

Fall term begins Sept. 4, 1928; ends Jan. 25, 1929.
 Spring term begins Jan. 28, 1929; ends June 28, 1929.
 Fall term begins Sept. 3, 1929; ends Jan. 24, 1930.

VACATIONS

Mid-winter vacation, one week, beginning Feb. 18, 1929.
 Spring vacation, one week, beginning April 15, 1929.
 Summer vacation, nine weeks, beginning July 1, 1929.
 Christmas vacation, one week, beginning December 23, 1929.

HOLIDAYS

| | |
|--|-------------|
| New Year's | January 1 |
| Good Friday | March 29 |
| Memorial Day | May 30 |
| Columbus Day | October 12 |
| Armistice Day | November 11 |
| From Wednesday noon before Thanksgiving the remainder of the week. | |

SCHOOL SESSIONS

High School: Morning session, 8.15 to 1.00 P. M. Afternoon session, 1.30 to 5.05 P. M.

Junior High Schools: Morning session, 8.30 to 11.45 A. M. Afternoon session, 12.15 to 3.00 P. M.

Grammar and Manual Training Schools: Morning session, 8.45 to 11.45 o'clock. Afternoon session, 1.30 to 3.30 o'clock without recess.

Primary and Kindergarten Classes: Morning session, 8.45 to 11.45 o'clock. Afternoon session, 1.30 to 3.30 o'clock. Recess in these classes for every pupil, 15 minutes in the forenoon, 10 minutes in the afternoon, as near the middle of the session as practicable.

In all other classes the sessions shall be prescribed by the Superintendent, subject to the approval of the Committee.

Whenever in the judgment of the Superintendent the weather is so extremely inclement as to imperil the health of the pupils, or the conditions are such as seriously to interfere with pupils going to school, he shall have authority to order a no school signal.

The signal for no session of the schools shall be two strokes on the the fire alarm, once repeated (2-2), at 7.30 a. m. for the morning session, and at 11.50 a. m. for the afternoon session. This signal does not apply to Continuation Schools.

OFFICE OF SUPERINTENDENT OF SCHOOLS

166 William Street

Office open 8.30 a. m. to 4.30 p. m., except Saturdays.

Saturdays, 8.30 a. m. to 4.00 p. m.

ALLEN P. KEITH, Superintendent

Office Hours, 8.30 to 9.00 a. m., 12 to 1 p. m.; except Saturdays.

Saturdays, 8.30 to 10.00 a. m.

JOSEPHINE B. STUART, Assistant Superintendent

Elementary Day Schools

Office Hours, Mondays and Wednesdays, 4.00 to 5.00 p. m.

EDWARD T. N. SADLER, Director of

Continuation Schools and Junior High Schools

Office Hours, 1.30 to 2.30 p. m., except Saturdays

CHARLES W. MILLIKEN, M. D., Director of Health and Hygiene.

Office Hours, 3.00 to 4.00 p. m.

JAMES K. DONAGHY, Supervisor

Department of Physical Education

Office Hours, 8.30 to 9.00 a. m. and 11.30 a. m. to 12 m., except
Saturdays.

Chief Clerk and Secretary,

VIOLA C. MANSEAU, 30 Durfee Street.

Assistant Clerks.

CLARA S. BLAKE, 194 Maxfield Street.

GERTRUDE E. BEAUPRE (Mrs.) 80 Fair Street.

HELEN E. JONES, 63 Elm Avenue, Fairhaven.

MARY G. NOYER, 75 Madison Street.

GLADYS B. JONGLEUX, 153 West Morgan Street.

META G. CORNELL, (Mrs.) 217 North Street.

MURIEL B. TRACY, 17 Rounds Street.

AUTA A. SANTOS, 53 Washington Street.

EVELYN PALME, 604 County Street.

Inspector of School Property.

DANIEL H. FERGUSON, 563 Union Street.

Office Hours, 12.00 to 1.00 p. m., except Saturdays.

SCHOOL REPORT

Department Mechanics.

WILLIAM O. MARTIN, 209 Summer Street.
SYDNEY A. CORNELL, 473 West Elm Street.
HOWARD C. WILBUR, 42 Liberty Street.

Storekeeper and Custodian.

JOHN EGAN, 980 County Street.

Chauffeur and Repair Man.

J. FREDERICK GEE, 48 Florence Street.

Chief Supervisor of Attendance.

JOHN S. SILVIA, 68 North Street.

Assistants.

FRANCIS N. HOWES, 318 Arnold Street.
RALPH COVILL, 151 North Street.
JOHN C. NOYER, 75 Madison Street.
Office Hours, 8.30 to 9.00 a. m.

SCHOOL REPORT

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EMPLOYEES IN SERVICE JANUARY 1, 1929

| | Superin- tendent | Assists. | Clerks | Others | Total |
|----------------------|---------------------|----------|--------|--------|---------|
| | 1 | 2 | 9 | 10 | 23 |
| Headquarters | | | | | |
| | Principals | | | | |
| High School | 1 | 69 | 2 | 4 | |
| Junior High Schools | 2 | 93 | 2 | | |
| Elementary Schoolss | 25 | 422 | | | |
| Continuation Schools | 3 | 27(2*) | 3 | | |
| | 31 | 611(2*) | 7 | 4 | 653(2*) |

| | Supervisors | Assistants | |
|------------------------------|-------------|------------|--------|
| Americanization | 1 | 4 | |
| Boys' Club | 1(*) | 1(*) | |
| Cooking | | 1 | |
| Health and Hygiene | 1 | | |
| Household Arts, Junior Highs | 1(*) | | |
| Kindergartens | 1 | | |
| Manual Training | 1 | 1 | |
| Music | 2 | 4 | |
| Nurses | 1 | 9 | |
| Physical Education | 1 | 4 | |
| Practical Arts | 1 | 2 | |
| Sewing | 1 | 2 | |
| Special Classes | 1 | 1 | |
| | 13(2*) | 29(1*) | 42(3*) |

| | Custodians | Assists. & Cleaners | Engineers & Firemen | |
|---------------------|------------|------------------------|------------------------|----|
| High School | 1 | 7 | 5 | |
| Junior High Schools | 2 | 12 | | |
| Elementary Schools | 36 | 11 | | |
| Spare Men | 2 | | | |
| Retired | 5 | | | |
| | 46 | 30 | 5 | 81 |

Total number of employees

799(5*)

*Part-time.

STATISTICS

High School

HIGH SCHOOL GRADUATES, 1928

JANUARY

| | Boys | Girls | Total |
|-------------------------------|------|-------|-------|
| College Classical Curriculum | 3 | 6 | 9 |
| College Scientific Curriculum | 7 | | 7 |
| Normal Preparatory Curriculum | | 5 | 5 |
| Commercial Curriculum | 4 | 12 | 16 |
| Unclassified Curriculum | 26 | 49 | 75 |
| | — | — | — |
| | 40 | 72 | 112 |

JUNE

| | Boys | Girls | Total |
|-------------------------------|------|-------|-------|
| College Classical Curriculum | 14 | 14 | 28 |
| College Scientific Curriculum | 12 | | 12 |
| Normal Preparatory Curriculum | | 16 | 16 |
| Commercial Curriculum | 7 | 18 | 25 |
| General Curriculum | 1 | 2 | 3 |
| Unclassified Curriculum | 36 | 62 | 98 |
| | — | — | — |
| | 70 | 112 | 182 |

HIGH SCHOOL ENROLLMENT 1928

SCHOOL REPORT

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| | Commercial | | | General | | | Scientific | | | Normal Preparatory | | | College | | | Total | | |
|---------|------------|-------|-------|---------|-------|-------|------------|-------|-------|--------------------|-------|-------|---------|-------|-------|-------|-------|-------|
| | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total |
| P. G.'s | | | | | | | | | | | | | | | | | | |
| 8's | 15 | 33 | 48 | | | | 28 | | 28 | 29 | 8 | 29 | 18 | 26 | 44 | 10 | 12 | 22 |
| 7's | 20 | 40 | 60 | 1 | 2 | 3 | 33 | | 33 | 45 | 29 | 29 | 27 | 56 | 85 | 51 | 80 | 131 |
| 6's | 15 | 32 | 47 | 8 | 5 | 13 | 49 | | 49 | 26 | 15 | 26 | 20 | 35 | 55 | 83 | 114 | 197 |
| 5's | 21 | 48 | 69 | 5 | 4 | 9 | 35 | | 35 | 49 | 16 | 49 | 31 | 47 | 77 | 87 | 132 | 209 |
| 4's | 24 | 34 | 58 | 13 | 8 | 21 | 35 | | 35 | 48 | 19 | 48 | 21 | 40 | 61 | 91 | 111 | 202 |
| 3's | 72 | 114 | 186 | 10 | 6 | 16 | 49 | | 49 | 74 | 55 | 74 | 51 | 106 | 186 | 186 | 245 | 431* |
| 2's | 28 | 31 | 59 | 2 | 1 | 3 | 27 | | 27 | 22 | 11 | 22 | 14 | 25 | 39 | 68 | 68 | 136 |
| 1's | 65 | 112 | 177 | | | | 76 | | 76 | 59 | 39 | 59 | 46 | 85 | 180 | 217 | 397* | |
| | 260 | 444 | 704 | 39 | 26 | 65 | 332 | | 332 | 352 | 192 | 352 | 228 | 420 | 833 | 1062 | 1895 | |

*Including the pupils who entered in January.

Total registration by curricula was:

| | |
|-------------------------------|-------|
| Post Graduates | 22 |
| Commercial Curriculum | 704 |
| General Curriculum | 65 |
| College Scientific Curriculum | 332 |
| Normal Preparatory Curriculum | 352 |
| College Classical Curriculum | 420 |
| | <hr/> |
| | 1,895 |

PUPILS ENTERING THE HIGH SCHOOL—SEPTEMBER, 1927.

| | Boys | Girls | Total |
|----------------------------|----------|-----------|-----------|
| From New Bedford Schools | 16 | 44 | 60 |
| From other schools in city | 67 | 70 | 137 |
| From Schools out of city | 11 | 24 | 35 |
| | <hr/> 94 | <hr/> 138 | <hr/> 232 |

PUPILS ENTERING—FEBRUARY, 1928

| | Boys | Girls | Total |
|----------------------------|-----------|-----------|-----------|
| From New Bedford Schools | 62 | 78 | 140 |
| From other schools in city | 65 | 74 | 139 |
| From schools out of city | 6 | 5 | 11 |
| | <hr/> 133 | <hr/> 157 | <hr/> 290 |

NUMBER OF PUPILS WHO HAVE LEFT THE HIGH SCHOOL
DURING THE SCHOOL YEAR 1927 - 1928

| | Boys | Girls | Total |
|-----|-----------|-----------|-----------|
| 8's | 5 | 2 | 7 |
| 7's | 13 | 8 | 21 |
| 6's | 18 | 16 | 34 |
| 5's | 21 | 22 | 43 |
| 4's | 25 | 31 | 56 |
| 3's | 39 | 35 | 74 |
| 2's | 19 | 25 | 44 |
| 1's | 24 | 25 | 49 |
| | <hr/> 164 | <hr/> 164 | <hr/> 328 |

CAUSES FOR LEAVING

| | Boys | Girls | Total |
|------------------------|-----------|-----------|-----------|
| Neglect of school work | 55 | 37 | 92 |
| To go to work | 66 | 51 | 117 |
| Moved from city | 13 | 29 | 42 |
| Went to other schools | 23 | 19 | 42 |
| Needed at home | | 9 | 9 |
| Illness | 6 | 18 | 24 |
| Death | 1 | 1 | 2 |
| | <hr/> 164 | <hr/> 164 | <hr/> 328 |

GRADUATES ENTERING HIGHER INSTITUTIONS

| | Boys | Girls | Total |
|---------------------------------------|------|-------|-------|
| Boston University: | | | |
| School of Business Administration | 1 | 1 | 2 |
| College of Liberal Arts | 1 | | 1 |
| Brown University | 1 | 3 | 4 |
| Bryant & Stratton College | 1 | 1 | 2 |
| College of the City of New York | 1 | | 1 |
| Dartmouth College | 1 | | 1 |
| Fiske College (Tennessee) | | 1 | 1 |
| Harvard University | 1 | | 1 |
| Holy Cross College | 2 | | 2 |
| Hunter College (New York City) | | 1 | 1 |
| Massachusetts Agricultural College | 1 | | 1 |
| Massachusetts Institute of Technology | 5 | | 5 |
| Mount Holyoke College | | 2 | 2 |
| Nasson Institute | | 1 | 1 |
| Norwich University | 1 | | 1 |
| Northeastern University | 7 | | 7 |
| Penn Hall | | 1 | 1 |
| Providence College | 5 | | 5 |
| Radcliffe College | | 2 | 2 |
| Smith College | | 2 | 2 |
| Suffolk Law School | 1 | | 1 |
| Sullins College (Virginia) | | 1 | 1 |
| Tufts College | 3 | | 3 |
| United States Naval Academy | 1 | | 1 |
| University of Cincinnati | 1 | 1 | 2 |
| University of Maine | 2 | | 2 |
| University of Montana | 2 | | 2 |
| University of Pennsylvania | 1 | | 1 |
| University of Vermont | 1 | | 1 |
| Wellesley College | | 1 | 1 |
| Wesleyan University | 1 | | 1 |
| Wentworth Institute | 1 | | 1 |
| Wheaton College | | 1 | 1 |
| William and Mary College | 2 | | 2 |
| Worcester Polytechnic Institute | 1 | | 1 |
| Bridgewater Normal School | 1 | 4 | 5 |
| Eastern State Normal School (Maine) | | 5 | 5 |
| Fitchburg Normal School | | 4 | 4 |
| Framingham Normal School | | 2 | 2 |
| Hyannis Normal School | | 9 | 9 |

| | | |
|--|----|----|
| Forsythe Dental School | 1 | 1 |
| Katherine Gibbs Secretarial School | 3 | 3 |
| Miss Neil's Kindergarten School | 1 | 1 |
| Sargent's School of Physical Education | 2 | 2 |
| | — | — |
| | 46 | 50 |
| | | 96 |

Americanization Department

Sept. 6, 1927 — June 29, 1928

EVENING SCHOOLS

| Place of Meeting | No. Classes | No. Sessions | Enrollment |
|--------------------|-------------|--------------|------------|
| John B. DeValles | 6 | 40 | 202 |
| Abraham Lincoln | 11 | 40 | 238 |
| Robert C. Ingraham | 11 | 40 | 262 |
| Hosea M. Knowlton | 5 | 40 | 138 |
| Allen F. Wood | 6 | 40 | 168 |
| Parker Street | 3 | 40 | 75 |
| | — | — | — |
| Total | 42 | | 1,083 |

DAY SCHOOLS

| Place of Meeting | No. Classes | No. Sessions | Enrollment |
|-------------------------|-------------|--------------|------------|
| Hosea M. Knowlton | 3 | 49 | 45 |
| International Institute | 1 | 56 | 29 |
| Public Library | 4 | 45 | 73 |
| Home Classes | 6 | 31 | 83 |
| | — | — | — |
| Total | 14 | | 230 |

MILLS

| Place of Meeting | No. Classes | No. Sessions | Enrollment |
|------------------------|-------------|--------------|------------|
| Booth Mill | 3 | 29 | 29 |
| Devon Mill | 29 | 31 | 573 |
| Gosnold Mill | 5 | 37 | 67 |
| Grinnell Mill | 2 | 45 | 20 |
| Holmes Mill | 5 | 39 | 76 |
| Nashawena Mill (A) | 4 | 21 | 46 |
| Nashawena Mill (B) | 3 | 32 | 36 |
| National Spun Silk Co. | 5 | 47 | 89 |
| N. B. Cordage Co. | 2 | 32 | 20 |
| Nonquitt Mill | 6 | 7 | 66 |

SCHOOL REPORT

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| | | | |
|--------------------|-------|----|-------|
| Taber Mill | 4 | 47 | 60 |
| Wamsutta Mill | 7 | 32 | 82 |
| Whitman Mill | 2 | 24 | 23 |
| | <hr/> | | |
| Total | 77 | | 1,187 |
| Home Classes—Total | 45 | 32 | 648 |

CLUBS

| Place of Meeting | No. Classes | No. Sessions | Enrollment |
|-----------------------------|-------------|--------------|------------|
| Cape Verde Progressive Club | 2 | 38 | 40 |
| Polish-American | 2 | 53 | 54 |
| Portuguese Republican | 1 | 12 | 9 |
| | <hr/> | | |
| Total | 5 | | 103 |

OTHER CENTERS

| Place of Meeting | No. Classes | No. Sessions | Enrollment |
|---------------------------------|-------------|--------------|------------|
| City Mission | 4 | 35 | 85 |
| Instructive Nursing Association | 1 | 46 | 35 |
| International Institute | 2 | 26 | 28 |
| St. James Guild | 1 | 22 | 12 |
| Swift School | 2 | 24 | 42 |
| Public Library | 3 | 38 | 93 |
| Municipal Building | 1 | 14 | 9 |
| | <hr/> | | |
| Total | 14 | | 304 |

SUMMARY

| Place of Meetings | No. Classes | Av. Sessions | Enrollment |
|--------------------------|-------------|--------------|------------|
| Evening Schools | 42 | 42 | 1,083 |
| Day Classes | 14 | 40 | 230 |
| Mills | 78 | 31 | 1,187 |
| Clubs | 5 | 34 | 103 |
| Homes | 45 | 32 | 648 |
| Other Centers | 14 | 29 | 304 |
| | <hr/> | | |
| Total | 198 | | 3,555 |
| Supplementary Enrollment | | | 207 |
| | | | <hr/> |
| | | | 3,762 |

NATIONALITIES REPRESENTED IN CLASSES

| | | | |
|-------------------|-----|-------------|-------|
| Albanian | 4 | Irish | 26 |
| Austrian | 2 | Italian | 96 |
| Belgian | 1 | Jewish | 121 |
| French Canadian | 641 | Native Born | 25 |
| France French | 11 | Polish | 360 |
| Cape Verdean | 253 | Portuguese | 1,755 |
| Chinese | 2 | Russian | 1 |
| Danish | 1 | Scotch | 3 |
| Dutch West Indian | 6 | Spanish | 2 |
| English | 130 | Swedish | 9 |
| German | 8 | Swiss | 3 |
| Greek | 60 | Syrian | 31 |
| Hungarian | 1 | Turkish | 3 |

| Age groups and sex | Men | Women | Totals |
|-------------------------------|-----|-------|--------|
| Number between 21 and 25 inc. | 275 | 323 | 598 |
| Number between 26 and 35 inc. | 731 | 666 | 1,397 |
| Number over 35 | 717 | 843 | 1,560 |

NUMBER OF ILLITERATES

| | |
|---|-------|
| Unable to read or write in any language at time of enrollment | 397 |
| Number having first papers | 622 |
| Number taking out second papers during this school year | 290 |
| Whole number state certificates awarded | 2,600 |

Department of Health and Hygiene

Complete examinations made by the Director of Health and Hygiene:

| | |
|---------------------|-------|
| Grade Schools | 3,083 |
| Junior High Schools | 1,295 |
| Senior High School | 421 |
| Industrial | 748 |

| | |
|-------|-------|
| Total | 5,547 |
|-------|-------|

Incomplete examinations:

| | |
|---------------|-------|
| In schools | 694 |
| Industrial | 1,299 |
| For diagnosis | 46 |
| “ contagion | 906 |
| “ accidents | 15 |

| | |
|-------|-------|
| Total | 2,960 |
|-------|-------|

Grand total

8,507

SCHOOL REPORT

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| | |
|--|-----|
| Number of schools visited | 231 |
| “ “ teachers examined for permanent tenure | 6 |
| “ “ conferences with nurses | 25 |
| “ “ conferences with outside officials | 11 |
| “ “ meetings attended | 3 |
| “ “ talks given | 6 |

SUMMARY OF DEFECTS

Total number given complete examination in schools 4,799

| | |
|--|---------------|
| Number within normal limits of weight | 3,219 or 67 % |
| “ between 10 and 15% underweight | 525 or 10.9 % |
| “ 15% or more underweight | 288 or 6 % |
| “ between 10 and 15% overweight | 380 or 7.89% |
| “ 15% or more overweight | 387 or 8 % |
| “ having moderately enlarged tonsils | 731 or 15 % |
| “ having large tonsils (emergency 28 or .5%) | 574 or 11.9 % |
| “ who have had T. and A. operation | 1,200 or 25 % |
| “ whose T. and A. resulted from department work | 505 or 10.5 % |
| “ having palpable cervicle glands | 2,391 or 49 % |
| “ having palpable thyroid glands | 285 or 5.9 % |
| “ having normal vision 20/30 or better | 4,491 or 93 % |
| “ having vision of 20/40 in one or both eyes | 181 or 3.79% |
| “ having vision of 20/50 in one or both eyes | 83 or 1.75% |
| “ having vision of less than 20/50 in one or both eyes | 44 or .9 % |
| “ wearing glasses for correction of vision (71% of those needing them) | 220 or 4.5 % |
| “ having disease of eyes | 158 or 3.2 % |
| “ having defective hearing | 22 or .45% |
| “ having disease of ears (Impacted wax 6.23%—discharges .41%) | 319 or 6.64% |
| “ having disease of skin | 187 or 3.8 % |
| “ having deviations in the spine | 55 or 1.1 % |
| “ having functional disorders of the heart | 307 or 6.3 % |
| “ having organic disorders of the heart | 51 or 1.06% |
| “ having mild defects of lungs | 542 or 11. % |
| “ having defects of lungs requiring supervision | 201 or 4.1 % |

SUMMARY OF NURSES' WORK DECEMBER 1, 1927—NOVEMBER 30, 1928

| | |
|--|-----------|
| Number of children seen | 1,049,955 |
| " " medical cases | 56,591 |
| " " accident cases | 7,636 |
| " " nose and throat cases | 3,304 |
| " " ear cases | 1,298 |
| " " eye cases (vision 4,426 disease 899) | 5,325 |
| " " gland cases | 4,796 |
| " " pediculosis cases (active or inactive) | 8,980 |
| " " orthopedic cases | 858 |
| " " skin cases | 2,349 |
| " " contagious cases | 588 |
| " " exclusions from school | 1,351 |
| " " pupils weighed and measured | 8,878 |
| " " health talks given | 2,931 |
| Number of gymnasium excuses given | 4,072 |
| " " home visits made | 4,302 |
| " referred to family physician | 657 |
| " referred to clinics | 1,987 |
| Notices sent to parents | 930 |
| Number referred for T. and A. operation | 695 |
| Number referred for vision correction | 593 |
| Number referred for teeth emergency | 280 |
| Corrections obtained: | |
| Tonsils and Adenoids | 1,044 |
| Vision | 812 |
| Glands | 21 |
| Skin conditions | 367 |
| Pediculosis | 911 |

IMPORTANT EVENTS

in the

HISTORY OF THE NEW BEDFORD SCHOOL DEPARTMENT

(Addenda: See School Report for 1923 for original list.)

1920—Equal pay for men and women teachers. (Financed in three yearly installments.)

1922—Two sessions established at High School to take care of overflow.

1923—Playgrounds turned back to Park Board.

1923—School Savings Banks installed.

1923—Home Classes in Americanization opened.

1923—Americanization Classes in day schools opened.

1924—Introduction of Visual Education.

- 1924—First Issue of High School Manual published.
- 1924—General use made of Intelligence Tests.
- 1924—Lumbard House Class for orthopedic cases transferred to Sol-E-Mar Hospital.
- 1924—Reintroduction of janitresses into some of the larger buildings.
- 1924—First High School Librarian appointed—Grace F. Lyman.
- 1925—First State Clinic for Undernourished Children.
- 1925—Position of Assistant Superintendent in charge of Secondary Schools discontinued.
- 1925—First issue of Bulletin for Information of Parents and General Public.
- 1925—First Supervisor of Elementary Evening Schools appointed—Lila A. Neves.
- 1926—Married women teachers no longer engaged for service.
- 1926—Course of Study for Evening Schools published.
- 1926—Position of Supervisor of Penmanship discontinued.
- 1927—Junior High Schools established.
- 1927—Workshop Classes established.
- 1927—Community Centers discontinued.
- 1927—Course of Study in Safety Education published.
- 1927—One Hundredth Anniversary of High School. Boulder tablet erected in front of Sylvia Ann Howland School, near location of first high school.
- 1927—Middle Street School building torn down.
- 1927—Stained Glass window, gift of graduating classes, installed at High School.
- 1928—Helping teachers discontinued in eight small schools.
- 1928—Counselors appointed at the High School—Susan E. Shennan and Marion E. Lord.
- 1928—Part-time Supervisor of Household Arts in Junior High Schools appointed—Sarah D. Murray.

In Memoriam

JULIA A. AVILA

Teacher

1924-1928

LUCY C. BEDLOW

Supervisor

1901 - 1928

EDNA F. DIAMOND

Teacher

1925 - 1928

AGNES B. JOYCE

Teacher

1925 - 1928

FLORENCE A. POOLE

Teacher

1893 - 1928

Following are the names of teachers and other employees who have left the service or who have been appointed to the department during the year 1928:

RETIREMENTS

Charles T. Bonney
Mabel W. Cleveland
Helen J. Kirk
Adelaide J. McFarlin
Lilian E. Page
Florence A. Poole
Annie S. Ray
N. Emma Slack

RESIGNATIONS

| | |
|-----------------------|----------------------|
| Elizabeth P. Allen | James P. Kelley |
| Doris Barritt | Myra S. Knowles |
| Henry Becklund | Walburga S. Kuechler |
| Nellie E. Booth | Edna H. Lane |
| Jane E. Carley | Winifred T. Mahoney |
| Agnes L. Donaghy | Lillian J. Michelsen |
| Barbara M. Donaghy | Thomas J. O'Leary |
| Dorothy D. Donaghy | Lydia B. Osborne |
| Bertha D. Doran | Clara H. Russell |
| Celia M. Elliott | Julia E. Rutledge |
| Theresa C. Fitzgerald | Ruth E. Smithson |
| Wenona M. Franklin | Cecilia C. Sylvain |
| Randall H. Gifford | Mabelle W. Terry |
| Lillian R. Haran | Stanley W. Terry |
| Loretta M. Harper | Ethel C. Wetherbee |
| | Ethel C. Winsper |

APPOINTMENTS

Joseph A. DeSouza
Amelina C. Jennings
Mary C. Lonicki
James M. Quinn
Ruth E. Smithson
Justin A. Sullivan

Report of Superintendent

To the Honorable School Committee:

Mrs. Burton and Gentlemen:—I have the honor to submit the sixty-eighth annual report of the Superintendent of Schools of this city.

Clearly conscious of the great responsibility which was placed in my care in June, 1908 I assumed the work of Superintendent of Schools with a determination to give the best I had in me to continue the great work which had been accomplished by two distinguished predecessors in this position. Messrs. Harrington and Hatch had placed the school system among New England's best and with the able assistance of a loyal, energetic, and enthusiastic corps of supervisors and teachers our position has been maintained. Representative John Halliwell who served on a recess committee which made a survey of the school systems of the State a few years ago, publicly stated during the past year that the New Bedford schools were found second to none.

We have aimed to develop an organization which will discover and develop the child so that each individual will be able to make the most of the best he has in him. We want the children to learn to listen together, think together, and act independently but in community harmony. The success of a life is measured by the "worth whileness" of its work for the community good. The personal liberty idea never leads to the team work which spells happiness in the class room, community, city, state, and nation. The value of time, good health, right habits, good citizenship, proper use of leisure time, and moral soundness has been emphasized.

There has been a steady improvement in standards through improvement in teaching. The qualifications required of candidates for teaching positions have been in-

creased. Closer supervision has been established in all departments.

A brief review of the more important changes during the past twenty years follows:

In 1908 the New Bedford Vocational School was established, the School Committee electing the Board of Trustees and the superintendent serving as executive officer. Acting under an option in the law the City Council later (in 1922) took over the election of the Board and the school was made absolutely independent of the School Committee.

The year 1909 marked the beginning of the eight year course of study for the elementary schools with semi-annual promotions. This was in accord with the best educational thought of the day and while it made it necessary to reorganize classes twice each year, the gain to the pupils more than repaid for the extra labor involved. This, of course, necessitated a new program of studies.

One class for mentally retarded children was also started in this year and because of its success in meeting the needs of a particular group eight other classes have been added from time to time.

A trained mechanic, Mr. Daniel H. Ferguson, was placed in charge of the care and repairs of our buildings. The small cost of repairs and the excellent condition of our school property has proven the wisdom of his appointment.

To meet the criticism of the cost of the four small kindergartens in 1909 a reorganization was effected and sub-primary-kindergarten classes were established. The older children came in the morning for three hours and the younger children attended two hours in the afternoon, the teacher working a full day with the two groups. This is coming more and more to be the practice of the best school systems. Miss Stuart was a pioneer in this movement.

During 1910 our first school nurse was appointed and our first dental clinic was established. Again New Bedford was among the leaders and later laws were passed requiring school nurses and dental clinics throughout the State.

The new high school building was occupied in November, 1912. At that time it seemed ample for many years to come, its capacity of one thousand pupils seeming to be adequate. Changed conditions have caused the high schools throughout the country to grow by leaps and bounds and our school has been in line. Today we are obliged to hold two sessions, one from 8.15 a.m. to 1 p.m. and the second from 1.30 p.m. to 5 p.m. to accommodate our pupils. Thus, at a time when every high school pupil should have a six hour day, we are handicapping him by short hours and a narrow program. Our greatest need at this time is an addition to our building that will allow the pupils of the center section of our city to have the advantages of a junior high school program and the pupils of the senior high school to have a longer school day and a comprehensive program of studies.

The principals of buildings of eight or more rooms were made supervising principals in September, 1912.

The Harrington Normal and Training School was abolished during this same year and the last class was graduated in February, 1913. With the large number of normal schools with excellent equipment and large faculties, it seemed unwise for the city to continue this expense.

The most important and far reaching event of 1912 was the passage, by the State legislature, of an act reducing the size of the school committee from twenty to seven. This act was in line with the best procedure as it fixed responsibility and gave the electorate of the whole city an opportunity to vote for each member. The duties of the committee were also more definitely stated in the act creating the new board.

Instrumental music was added to the curriculum in September, 1913. We were pioneers in this work but I am glad to state that band and orchestra work is now found in all the cities and many of the larger towns. Certainly New Bedford has every right to be proud of its musical organizations.

In September, 1914, our first open air class was opened at Sassaquin Sanatorium and since that time it has been

possible for children going there for treatment to keep on with their school work and when discharged return to the regular schools with work done which otherwise would have been lost entirely. Much credit is due to Miss Hoxie who has been in charge of this school from its opening.

Our Americanization classes were started in a small way in 1915 but were then known as Naturalization classes.

Nineteen hundred sixteen saw two more types of special classes established to meet individual needs, the Conservation of Eyesight classes and the Orthopaedic class at St. Luke's Hospital later transferred to Sol-E-Mar. A visit to either of these classes will demonstrate their value to the most skeptical. Mrs. Myra H. Clark has been in charge of the latter class from the beginning and her motherly interest has meant much to the children in the hospital.

The years 1916 and 1919 marked the establishment of Eye, Medical, Mental, and Nutrition clinics. The great good accomplished through these agencies is immeasurable.

The Reserve Officers Training Corps unit which succeeded the High School Cadets in 1919 has been maintained under the direction of the United States War Department. The officers, uniforms, and equipment are furnished free by the government. The training received by the boys in this unit will mean much to them in after life if they will let it function.

The year 1920 gave us three new activities, the Americanization work thoroughly organized, the Continuation schools established, and a Teachers' Council elected. The work among our non-English-speaking residents has been developed to such an extent that our classes and their director, Miss Neves, are nationally known.

Many among us, the writer included, did not believe that much work of a worth-while value could be accomplished in four hours a week in the Continuation school, but, after careful investigation, we found that we were very much mistaken. This keeping in touch with the schools and having the friendly help and guidance of their teachers has been of

great value to hundreds of boys and girls. Better positions, a more hopeful outlook upon life and ambition to go to evening school and take advantage of every opportunity have been the outgrowths of the work with the pupils of these classes. Mr. Sadler has been an able leader in developing this type of school for New Bedford and for Massachusetts.

The Teachers' Council functions as a go-between for the teaching corps and the School Committee and fills a need in the department. Many questions concerning the inner workings of the corps are easily settled through this organization.

The survey of 1921-1922 by Dr. Spaulding was followed by changes in organization. An assistant superintendent in charge of secondary education was appointed (position discontinued three years later); a department of Health and Hygiene was established, (the Board of Health had formerly controlled this work but voluntarily relinquished it at the suggestion of Dr. Spaulding).

Dr. Spaulding wrote in his report "The growth of the system during the last thirteen years is impressive, both in its extent and even more in its variety. The number of regular elementary pupils has increased by 74%, of high school pupils, by 177%. The Normal Training School has been abolished; but many new types of schools and educational activities have been established, some of them reaching out to new types of pupils, others designed better to meet the needs of certain ones or of all pupils regularly enrolled in the day schools."

"These various modern improvements and developments in education, that New Bedford has promptly adopted, indeed has not seldom led in introducing, mark the spirit and the activities of the local school system as distinctly and soundly progressive."

A new course of study was made by committees of teachers and principals during 1923. This course received national notice and has been much in demand from its publication to date.

School Savings Banks were introduced in 1923, Visual Education was made possible by the purchase of Acme machines in 1924, and the general use of Intelligence Tests was begun in the same year. By agreement with the Trustees of the Public Library an assistant librarian was placed in charge of the high school library, making it practically a branch library. The salary of the librarian is paid for equally by the two departments.

Among the recent advances have been the issuance of bulletins of school information from time to time and the appointment of a supervisor for the evening elementary classes and the development of a special course of study for evening schools.

Two junior high schools were opened in February, 1927. This type of school had been studied by this department for ten years and we believe that we at present have two schools of the best type and that we are accomplishing for the pupils in the north and south parts of this city what the junior high school was intended to achieve.

Workshop classes for pupils thirteen to sixteen years of age have been organized in four centers. These classes were started to save time for the children and expense to the city. They have been on trial for the past year and a half and have more than justified our expectations.

A course of study in Safety Education was published in 1927. This was the work of Mr. Leslie H. Sutherland and a group of earnest teachers and has been well received at home and abroad. Requests for copies have come to us from all parts of the country.

We have received many gifts during the past twenty years, two outstanding,—the gift of Charles S. Paisler of thirty thousand, one hundred fifteen dollars and fifty-eight cents, the income of which is to be used for the benefit of the high school; and the staircase window at the high school, the gift of the graduating classes of 1927.

In recording these events of the past twenty years we feel that our schools have not only made progress in accordance

with the best practice but that their present excellent condition and standing has been due to the excellent team work of members of the School Committee, assistant superintendent, supervisors, and teachers.

FINANCES

The public schools are criticized freely by people of every community. Everything which the public schools undertakes is freely discussed and there are many who long for the good old days when they were young. We are criticized for undertaking too much or not including as much as we ought, for teaching fads or omitting subjects which the new social order demands, we specialize too early or do superficial work altogether too soon, for too much physical training or not enough, for too short or too long a school day, and so on.

Out of all these criticisms we profit because we have to justify to the satisfaction of our community all the activities of the public schools. At present the increased cost of the schools is the chief subject for attack.

Among the causes for this increased cost are—

1. The reduced value of the dollar.
2. The increase in school attendance.
3. The increase in teachers' salaries.
4. Educational extensions.
5. Cost of construction.

No argument is necessary regarding the first cause. In 1908 we had eight thousand five hundred and ten pupils in grades 1-6 and eleven hundred and one pupils in grades 7-12; in 1928 we have thirteen thousand twenty-two pupils in grades 1-6 and four thousand four hundred and sixteen pupils in grades 7-12. Our increase in grades 1-6 where the costs are comparatively small is 53% while in the higher grades where the costs are relatively higher the gain has been a little over 300%. The laws governing the qualifications and age for leaving school to go to work, the cor-

responding reduction of opportunity for child labor and the general desire to give all the children of all the people a broader training has contributed to this growth in the upper half of the school population.

Teachers are, in my opinion, worthy of the salaries paid according to our schedule. When we consider that we ask our candidates to go two, three, and four years to a professional training school in addition to graduation from a first class high school and then offer them from \$1,000 to \$1,500 for their first year of service, we certainly are not overpaying the teachers. The maximum salaries are usually the ones quoted and the critics neglect to state that it takes from eight to ten years to reach the maximum.

Do we have too much supervision? Let me quote again what Dr. Spaulding wrote: "The total staff is not too large, —indeed a few additions are needed, chiefly in anticipation of immediate developments — but should now be more closely organized in the interest of efficiency, of economy, and harmony of effort." This we have endeavored to do without making some of the additions referred to in Dr. Spaulding's report.

We are attempting to adapt education to the needs of the individual child and this has meant special classes for the mentally retarded, the anaemic, the pupils with poor eyesight, the crippled children, and the workshop classes. We still need classes for the deaf and the stammerers. None of our severest critics would want us to go back to the old system of having all these children in the same classroom.

New Bedford has always planned its school buildings according to first class construction and for that reason our repair bills have been comparatively small. The increased cost of everything that goes into a school building has necessarily increased our costs but good management and our faithful department mechanics have kept this increase at the minimum.

One item of costs which has always seemed unnecessary has been the item of replacing broken glass. During the past five years we have paid \$3,640.73 for glass which has

been reset by our department mechanics. Ninety-five percent of this breakage has occurred when our buildings were unoccupied. We have tried every plan we know of for stopping this wanton waste and would now ask every citizen to use his good offices to assist us.

Our school system now attempts to serve all classes of human society and acts as a service station for all who seek advancement. The public believes in education for all and because the people insist on increasingly efficient schools the costs are bound to be in proportion to the demands.

RETIREMENTS

Eight teachers have been retired during the past year after long and efficient service with us. Miss Mabel W. Cleveland, forty-eight years; Miss Florence A. Poole, thirty-five years; Miss Annie S. Ray, thirty-one years, Mr. Charles T. Bonney, forty-nine years; Miss Helen J. Kirk, forty-six years; Miss Lilian E. Page, twenty-five years; Miss Adelaide J. McFarlin, forty-nine years; Miss N. Emma Slack, thirty-two years, a total service of three hundred fifteen years and an average service of nearly forty years. The conscientious and efficient service given by these teachers to the thousands of boys and girls will be long remembered and I am sure that they will be rewarded in many unlooked for ways as they enjoy their well earned leisure.

I regret to announce the death of five members of our corps during the past year. Miss Florence A. Poole, in service for thirty-five years; Miss Lucy C. Bedlow, in service for twenty-seven years; Miss Julia A. Avila, in service for four years; and Miss Agnes B. Joyce and Miss Edna F. Diamond, each in service for three years. Misses Poole and Bedlow were teachers of superior ability, of quiet and unassuming manner, and gave efficient service to the children of New Bedford. Misses Avila, Joyce, and Diamond although among the younger members of the corps had won recognition as teachers of great promise and their untimely passing is recorded with much regret.

SENIOR HIGH SCHOOL

The opening of the junior high schools reduced the number of pupils in the freshman classes, and thereby also reduced our total enrollment. The number in the higher classes, the number graduating, and the number entering higher institutions were larger than in any previous year. That a smaller number of pupils left school is noticeable, but the situation is readily accounted for by the strike in our mills.

The work of the educational and social counsellors which was begun so auspiciously last year has been continued throughout this year.

The educational counsellor has followed up the work of the counsellors in the junior high schools. She does the work in the High School largely by individual conferences. A conference may be recommended by the class teacher, by the principal, by the pupil's parent, or requested by the pupil himself. It is estimated that about two hundred conferences were held last year. It is pleasing to see an increasingly large number of pupils request conferences on their own initiative.

A conference may include a pupil's difficulties with his lessons, his mental qualifications, his attitude towards his studies, or his maladjustment in school work. Many pupils also seek guidance in regard to occupations, entrance requirements of colleges, technical schools, normal schools, and professional schools. Each pupil is advised after consideration of all the conditions affecting his probable future success.

A large amount of information has been gathered and placed at the disposal of the pupils and teachers. There are catalogues, descriptive pamphlets of colleges, normal schools, professional schools, and special schools. There are a number of the latest books on life careers and on individual psychology. These are being used more and more by pupils and teachers.

Intelligence tests are used in a conservative manner. Numerous prognostic tests for success in school and occu-

pations are being investigated. We are also giving general tests to all pupils who have entered from other schools and whose intelligence ratings have not been recorded. I am sure that pupils, parents, and teachers feel that our efforts to give the pupils expert guidance is becoming a valuable part of our school work.

The work of the social counsellor has considerably increased during this year. The cause of this may be explained by the strike and the industrial depression in our city. When conditions in a school are at their best there are always pupils seeking part-time jobs and financial aid in order to help themselves through high school. This year the demands have been very heavy.

Since September one hundred and twenty-six part-time jobs have been secured for boys and girls. There is still a waiting list of more than one hundred pupils who are anxious to secure work. The business men and the organizations of the city have responded admirably to the social counsellor's appeal for jobs. During the past three months fifty-two have employed students to work for them.

Very few people outside of the High School realize the hardships that are borne by worthy boys and girls in order to obtain a high school education. There are many who do not have any spending money, nor sufficient food and clothing to keep them comfortable and healthy. When a boy or girl is found to be in need, the social counsellor makes a personal investigation of all conditions affecting the pupil. After all the facts have been ascertained, an effort is made to obtain work or financial assistance to enable the pupil to continue in school. It is not necessary to go into minute details regarding individual cases. The poverty and home conditions of many of these cases are heart-rending in the extreme. We wish we had more money to spend judiciously to help these boys and girls.

The medical director has conducted the physical examinations of all incoming students in the counsellors' office. The records of these examinations have proved of value in discovering individual maladjustments and in aiding the counsellor in her work with the pupils.

If visitors could spend a day in the counsellors' office they would have a better idea of what is being done.

They would hear conferences with officers of classes, or officers of other organizations, regarding a social affair or an entertainment. They would hear heart-to-heart talks with pupils in regard to their school work, their difficulties, their plans, ambitions, and ideals.

They would hear confidences exchanged about home conditions, their financial needs, their social relations, personal desires and disappointments. They would also see, in a corner, shoes and clothing, some old, some new, gathered by the counsellors to give comfort and cheer to someone in need.

The retirement of Miss Mabel W. Cleveland and Mr. Charles T. Bonney during the past year took from us the last of our veteran teachers. New Bedford High School was fortunate in having on its faculty for so many years such teachers as Miss Cranston, Miss Austin, Miss Shaw, Miss Smith, Miss Hadley, Mrs. Sargent, Miss Newcastle, Miss Hitch, Miss Cleveland, and Mr. Bonney.

Mr. Bonney, who was the last to retire, has the distinction of being a member of the High School faculty for forty-nine years. This is the longest record in the history of the school. The teachers and pupils hope that Miss Cleveland and Mr. Bonney will have many years of happiness in their retirement.

I cannot refrain from calling attention again to our double sessions, short hours, crowded facilities, and lack of practical arts courses. I respectfully ask that my 1925 report be read once more.

—*Mr. Williams.*

JUNIOR HIGH SCHOOLS

The junior high school is a new departure in our educational system. Because this is true, there is perhaps a lack of complete understanding of its aims, purposes and distinguishing characteristics.

The junior high school is that division of the public school system immediately above the sixth grade, including the seventh, eighth and ninth grades. The junior high school is essentially an exploratory, try-out and information school. According to the best authorities the junior high school is distinguished by certain characteristics as follows:

1. A separate building in which to house the seventh, eighth and ninth grades.
2. A separate staff of teachers.
3. The recognition of individual differences in capacities, tastes and purposes in the organization and conduct of class work.
4. A program of studies differing from the course of study to be found in the like numbered grades of the traditional school in America.
5. A partial or complete departmental organization of subject matter and teaching.
6. The organization of a limited number of curricula, each containing groups of constant and variable courses.
7. A definite and effective plan of pupil guidance.
8. Certain elective studies to be chosen by pupils under guidance.
9. Promotion by subject.
10. Organization and administration of student activities in accordance with the needs and interests of adolescent pupils.

Those in charge of the schools had the above characteristics definitely in mind when New Bedford opened two junior high schools in February, 1927. It is altogether too soon to make claims for the accomplishment of these schools and there is no desire to do so here. However a survey of the established activities of the schools will convince one that New Bedford's junior high schools possess the characteristics noted above and therefore deserve to be labelled junior high schools in the true sense of the word.

There are at least three groups of pupils whose needs must be met by the junior high schools. There are those who can and probably will continue their education through the senior high school period, and perhaps even through college. Others will not remain in school longer than the compulsory school attendance law requires their attendance. Another group consists of those students whose educational future is uncertain. In a true democracy, such as ours, these groups are not sharply defined. Each pupil has the right to choose his career. He is limited only by his own capacities.

Because the world of occupations is exceedingly complex, there are many misfits. Most of these are due to unwise decisions. Our junior high schools must give each pupil an opportunity to explore his interests and capacities and to acquire a wide range of information which will aid him in making a suitable choice. In order to meet the varying needs of these pupils, the junior high school attempts to do these things, as outlined by Dr. Thomas H. Briggs.

1. To continue, insofar as it may seem wise and possible, and in a gradually diminishing degree, common integrating education.

2. To ascertain and reasonably to satisfy pupil's important immediate and assured future needs.

3. To explore by means of material in itself worth while the interests, aptitudes and capacities of pupils.

4. To reveal to pupils, by material otherwise justifiable, the possibilities in the major fields of learning.

5. To start each pupil on the career which, as a result of the exploratory courses, he, his parents, and the school are convinced is most likely to be of profit to him and to the state.

New Bedford is carrying on its junior high school work with the above objectives very clearly in mind and it is the opinion of those in contact with the schools that enough has been accomplished to justify the establishment of this particular type of education.

Activities in the junior high school which differ from those in the traditional seventh, eighth and ninth grades have led to the belief that such studies as English, mathematics and the social studies are being neglected. The fact should be strongly emphasized that activities such as occur in auditorium, gymnasium, library and shop are additional to, and not in place of, such studies as English, mathematics and the social studies. This has been made possible by a six hour day, one hour longer than the grammar school day.

Courses of study—Before the opening of these schools, the courses of study for the seventh, eighth and ninth years were reorganized to some extent in order to meet the demands created by the new type of school. This work of revision will be continued in the light of our actual junior high experiences.

No other group of school people ever worked harder than our junior high group has worked to establish this type of school in the city of New Bedford. An excellent spirit has prevailed. The efforts and accomplishments of principals, teachers and pupils are deserving of commendation.

—Mr. Sadler.

CONTINUATION SCHOOLS

The enrollment in continuation schools December 14, 1928 was distributed as follows:

| Courses | Boys | Courses | Girls |
|------------|------|-------------|-------|
| Commercial | 20 | Commercial | 90 |
| Electrical | 142 | Home making | 531 |
| Machine | 176 | | |
| Woodwork | 219 | | |
| | 557 | | 621 |

The total enrollment on the above date was 1,178; 1,105 pupils were working and 73 were unemployed. The enrollment has not been large since the opening of school in Sep-

tember, a condition due entirely to the industrial depression prevalent during the past year. However, numbers have been constantly increasing since the termination of the textile strike.

No changes were made in our courses during the past year.

Conferences for the study and discussion of continuation school problems begun in 1927 were continued during 1928. These conferences were held in the evening and were attended by all the principals and teachers. A majority made special studies which were offered as professional improvement work.

The outstanding problem in the continuation school during 1928 was that created by the textile strike. When a pupil, who has been employed, is out of work he must attend school twenty hours rather than four each week. This is the equivalent of adding four employed pupils to the enrollment of the school.

When a large number of pupils enter the unemployed group at one time, the number of classes is greatly increased and the problem concerning housing, equipment and teaching force becomes a serious one.

The cooperation of the state authorities, the attitude of the teachers who were ready to teach additional hours and the spirit of the pupils themselves combined to meet a delicate situation at practically no extra cost to the city of New Bedford.

The strike further illustrated the benefits of continuation school which cared for the boys and girls during their period of unemployment. If it had been necessary to return 400 to 500 pupils to the traditional schools during that period, the traditional schools would have been taxed and the pupils would not have benefitted to the extent that the existence of continuation school permitted.

The value of shop and home making products for the school year 1927-28 was \$8,172.85. Values to the amount of \$738.07 were absorbed by the school department.

New Bedford should receive a reimbursement of \$33,476.93 from the state on approval of our school for the year ending, August 31, 1928.

The city received for continuation school purposes \$5,894.05 from the Smith-Hughes Fund.

The school contributed 19,384 hours of service to non-resident pupils. Based on a tuition rate of twenty-eight cents per hour, fixed by the State, New Bedford should receive \$5,427.52.

We appreciate the generous cooperation which has been accorded us.

—*Mr. Sadler.*

AMERICANIZATION

During the school year September, 1927 through June, 1928 Americanization work in New Bedford won another distinction. The figures for the ten communities having the largest enrollment for the year follow:

| City | No. Classes | Total Enrollment | Enrollment at end of year |
|-------------|----------------|---------------------|------------------------------|
| New Bedford | 198 | 3,555 | 2,600 |
| Boston | 108 | 3,399 | 1,478 |
| Fall River | 100 | 1,512 | 997 |
| Lawrence | 65 | 1,304 | 902 |
| Worcester | 52 | 999 | 674 |
| Cambridge | 77 | 910 | 600 |
| Springfield | 45 | 882 | 508 |
| Chelsea | 44 | 792 | 585 |
| Holyoke | 40 | 719 | 537 |
| Pittsfield | 25 | 622 | 441 |

Not only did New Bedford reach the largest number of foreign-born adults in Americanization classes of any city in Massachusetts, but the cost per pupil per year was lower for New Bedford than in any of the cities listed above and is considerably lower than the average cost per pupil for the state.

The one hundred ninety-eight Americanization classes were taught by seventy-four trained certified teachers. They met in evening schools, day schools, factories, clubs, public buildings, and foreign homes.

Our greatest gain was in factory classes, in numbers, organization, teaching, efficiency and results. This was due to the policy of the tire fabric mills, New Bedford is now undertaking the greatest project in this type of educational work that has yet been attempted in the United States. In 1925 the Goodyear Tire and Rubber Company of Akron, Ohio, established a tire fabric mill in New Bedford. Americanization classes were in operation in the mill that Goodyear took over. Our classes met in an old "boiler room." Teachers and pupils were crowded about the obsolete machinery but they made the best of a very poor schoolroom. Our classes were later moved to the "attic"—a small unused space on the third floor. At the end of the year the Supervisor of Americanization sought out the new Goodyear superintendent to invite him to attend the closing exercises of the Americanization classes hoping to win his approval of the work by showing him what the "school in the attic" had been accomplishing. She was informed that the mill officials had been watching, and seeing the good work had converted the old boiler room into an up-to-date schoolroom. The work had sold itself. The following year saw splendid classes meeting in a well-equipped modern schoolroom and the work had the hearty support and encouragement of every official at Devon Mills, the Goodyear tire fabric mill in New Bedford.

In the Fall of 1927 the Fisk and Firestone Companies of Akron, Ohio, new concerns in New Bedford, made plans to reorganize their tire fabric mills. The Goodyear mill also closed down for a short time to make necessary changes. The three tire fabric mills re-opened early in 1928. All with Goodyear in the lead, acting on the principle that increased efficiency and greater production involves more education for many employees, adopted the policy of employing only American citizens and applicants for first or

second citizenship papers. Many men and women who had lived in New Bedford twenty and thirty years took out their "first papers" saying, "I am ashamed. All these years I have lived here. I just didn't think much about it. I am glad now I am going to be a real American."

Twelve hundred men and women ranging in ages from 21 to 55 are enrolled in seventy-four Americanization classes in the Goodyear, Fisk, and Firestone tire fabric mills. Four splendid well-equipped schoolrooms are in constant use. Every employee who is not an American citizen is enrolled in an Americanization class. The pupils come to school on their own time, outside of working hours. All women attend from 12.10 to 12.55, their noon hour. The day help men attend after work from 5 to 6 or 6 to 7. The men who work nights come to school for the hour just preceding the hour they are due to report for work, 4 to 5, 6 to 7, 7 to 8. Every class meets twice a week and attendance is almost perfect. In each of the three mills, the official in charge of employment and safety heads up the work. In the tire mills, this official in charge and the supervisor of Americanization worked together in the organization of the classes.

During 1926-1927, six hundred and forty foreign-born women were reached in fifty-seven Home Classes. Last year, in forty-five such classes, six hundred and forty-eight women received instruction in English and Citizenship. In these classes the pupils, mostly mothers, sit around the kitchen table and the Americanization teacher follows the same procedure, time schedule, and methods used in any similar Americanization class conducted in evening school. The women who attended these Home Classes either found it impossible to attend an evening school, or else they did attend the school class and because they were helped desired to go to school four sessions a week and so enrolled in a Home Class.

We have not opened our Home Classes this year and I feel that this type of Americanization work should not be neglected. Home Classes were not peculiar to New Bed-

ford although I was responsible for their inception. Home Classes are regarded by leaders in Immigrant Education throughout Massachusetts and other states as one of the most important and worthwhile of all Americanization classes.

May I urgently recommend that this department be allowed to reopen Home Classes?

Numerous organizations and agencies have helped considerably in broadening and extending Americanization work in New Bedford. No other supervisor in Massachusetts has received finer support or cooperation on all sides than has been accorded the Americanization Department by civic and patriotic organizations in New Bedford. Twenty-six times during the year it was my privilege to address interested groups in and out of the city on the subject, "Americanization Work in New Bedford."

The splendid work of the teachers in "carrying on" and in maintaining interest and attendance were never any more apparent or appreciated than during the last school year when devotion to their work and loyalty to their superiors were shown when they persisted in their teaching despite the fact that the appropriation for this work was exhausted.

—Miss Neves.

HEALTH AND HYGIENE

The department again recommends that some new open-air schools be established in empty rooms of existing school buildings. A beginning could be made at the Knowlton School which has a southern exposure room now vacant. While it is best to change the windows to vita-glass or some other glass which allows the passage of the ultra-violet rays of sunlight this can be done later if the room is found satisfactory in other ways, but a change should be made soon. The results in greater gains made by the children in these open-air rooms will certainly justify what little expense would be necessary to make the change. The

cost of heating the present open-air buildings could be saved as the vacant rooms in present buildings have to be heated anyhow. The elimination of much of the dust and noise of traffic will be beneficial to the children.

A further recommendation which this department desires to make is that an Audiometer be purchased for the testing of the hearing of school children. There are many children in the schools that are considered backward, inattentive, and who consequently have to repeat grades, whose only difficulty is in the inability to hear what is said by the teacher. These repeaters are an expense to the school system and it is our opinion that the expense of the instrument would be saved many times by finding such children and putting them under treatment.

—*Dr. Milliken.*

ART

With the passing of Miss Lucy C. Bedlow, the art department has lost a valuable and faithful friend, one who was loved and respected by all with whom she came in contact. Whenever she stepped into a classroom she entered like a ray of sunshine, silent and cheerful. Her personality and charm radiated happiness, beauty and idealism.

The following extract from the October Teacher's Association Bulletin best expresses the general impression most of us had of her beautiful character.

"Miss Bedlow was a cultured gentlewoman, a gifted artist, and a capable and cooperative instructor. Quiet and unassuming, yet decisive and firm when necessary, she was always well-poised and self-contained. As a fellow-worker she was esteemed for her uprightness, valued for her counsel, admired for her versatility and for the high quality of her work in each line assayed, and best loved by those who knew her. The influence of her life and character is a legacy and an endowment which will continue to enrich the

ideals and standards of the schools and to bear fruit in their work."

As her successor and one of her former pupils it will be my aim to "Carry On" in her department and endeavor to maintain the high ideals and standards she has set.

—*Mr. Vancini.*

PHYSICAL EDUCATION

During the past year, the every endeavor of this department has been to present, in a cooperative manner, a program comprehensive in its widest scope.

This year a course of study in physical education was completed. This course, of necessity, is a skeleton outline, for to include in detail the entire meat of any course of study would require many printed pages.

The course is offered with this one thought, namely, that our city may receive all the benefits possible in the broad field of physical education.

The inclusion of third year students at the New Bedford High School has been a move in the right direction, for it gives a greater length of time to the department of physical education to add the little extras which it is hoped will prove of value in after life.

Almost every sport in the entire athletic calendar was presented to the pupils of the High School in the hope that some branch of athletics would appeal to all. Boys had football, baseball, basketball, track, soccer, tennis; girls had hockey, basketball, track, indoor baseball, tennis, etc.

At the present time, there are thirteen hundred and ninety-one children in the various posture classes.

—*Mr. Donaghy.*

CONCLUSION

The public schools of New Bedford are administered under the direction of its School Committee. Public opinion can eliminate anything that the people do not approve. The conservatives are always holding fast to that

which is good, the progressives are constantly promoting new movements while the average citizen serves as a balance wheel, being the jury of last resort. We have tried to conduct the department in such a way that our children may have the benefit of all that is best and in this endeavor I think we have the approval of a large majority of our citizens.

For the team work which has made possible the progress of the past twenty years I wish to express my appreciation to the many members of the school committees, the assistant superintendent, and the many members of an exceptionally able teaching corps.

Respectfully submitted,

ALLEN P. KEITH.

Report of Assistant Superintendent of Elementary Grades

Mr. Allen P. Keith,
Superintendent of Schools,
Dear Sir:

In compliance with your request I herewith present the twenty-second annual report of the assistant superintendent in charge of the elementary grades.

Last year's report described at some length the main features of the new workshop classes established in New Bedford in 1927. These classes were organized to meet the needs of the adolescent pupils of the grammar grades whose progress through the lower grades had been greatly retarded and whose completion of the school work required for industrial employment before reaching the age of sixteen years could not be hoped for in grade classes. These retarded children constitute two distinctly separate groups, one of which is composed of individuals of slow but normal mentality whose retardation may have been greatly increased by lack of motivation. The second group is composed of individuals who have been tested at the State Mental Clinics and have been classified as mental border-line cases or high-grade morons. This group includes also the adolescent pupils of the special classes who have outgrown the school activities suited to the younger pupils of these classes and need the type of work provided in the workshop class. The pupils possessing slow but normal mentality are grouped in Section A, the others enter Section B and are promoted to Section A when they can meet the requirements of this higher group.

Visitors from other cities often regard these classes as a form of the continuation school required by the state for the four-hour-a-week attendance of employed minors under

sixteen years of age. These visitors inform us that in their cities workshop classes like ours have been in existence for several years but closer inquiry has disclosed this misunderstanding and has failed to indicate the existence of any similar workshop classes in elementary grades in the state.

The astonishingly rapid progress made by many of the pupils of Section A during the year in the workshop classes and their excellent showing in tests in 6A work have startled and disturbed some of the observers who were following this work with interest. These have questioned, "How could these retarded children have made such rapid progress in these classes? Why could not this progress have been secured by the grade teacher?" A grade teacher has thirty-five or forty pupils under her influence for five hours each day, while the workshop class teacher during each session of the day must give individual instruction to sixty pupils, in two classes of thirty pupils each. "It can't be done!" exclaimed one visitor when the plan was explained to her but every visitor to these classes sees it being done daily. Many who have not become familiar with these classes are still asking the question, "How can a teacher working with sixty pupils each session succeed in developing a rate of acceleration which enables even a few to complete in one year the work which the grades could not expect to complete in a much longer time?"

The present report attempts to answer these questions though perhaps too briefly for a clear understanding of the means which have produced the results achieved. Throughout the year close study has been given to the individual pupils, study which has thrown no little light upon the causes producing their retardation. The conclusions reached through this case-work are being discussed with principals and grade teachers and are presented in this report to meet the similar inquiries of school administrators and others interested in school progress.

One of the first points noticed in the workshop classes was the pupils' quick response to the atmosphere created by the teacher and the school. No other one factor in-

fluencing progress has been so definitely apparent as has been the influence of a classroom atmosphere characterized by fostering care and personal interest on the part of the teacher, and, on the pupil's part, a recognition of personal responsibility, opportunity for self-direction under guidance, and individual self-measurement of effort and accomplishment. Emphasis has been placed upon the recognition and the measurement of the good in each pupil's work or conduct, and the discovery of error or failure is not regarded as an occasion calling for a deserved censure or as a destination reached and accepted. Instead it is looked upon as merely the guide-post pointing out the detour which the pupil must now make to reach the accuracy necessary for successful accomplishment. The resulting *will to work* has enabled these pupils to accomplish surprising results.

Many of these elements of a helpful school atmosphere characterize the elementary grade classes of our city, and the extension of this atmosphere to meet the needs of the slower and less responsive pupils will do much to check in the grades the retardation which has made workshop classes necessary. Proof of the influence of this atmosphere in developing character has been presented during recent months in which the organized attempts to influence the school children and youth of our city might have reacted as lessons in defiance of authority and might have undermined their allegiance to the principles upon which our democracy rests. The unimpaired morale of the pupils returning to school in September showed that the school's lessons of self-control and self-responsibility are bearing good fruit now in the lives and acts of the children and give promise of future strength to our nation when these children become citizens. It has been said that when the cost of education is being considered it should be remembered that no other municipal expenditure gives such cumulative returns in future years as does the money spent for education.

Our year of observation, study, experiment, and test has but emphasized for us the following conclusions which are some of the familiar fundamentals of good teaching. These conclusions are as applicable to grade classes as to workshop

classes since they point to causes of grade retardation which may be remedied in the grades and to means by which workshop classes have secured the acceleration plainly in evidence in the pupils' daily work and in the results of the tests given in 6 A grade classes and in Section A of the workshop classes.

Pupil progress and pupil retardation are definitely influenced by the following factors:

1. The teacher's reaction to the pupil
2. The pupil's reaction to the teacher and to the school
3. The pupil's will to work
 - b. Coordination of work from grade to grade
4. The principal's supervision along lines of
 - a. Each teacher's review of the work of earlier grades
 - c. Unstandardized tests based upon local course of study—for interpretative analysis of the work of teacher and pupil
 - d. Standardized tests—not merely to find the pupil's I. Q., but to discover (1) which pupils need special consideration and (2) means which will result in the progress which is normal for the pupil's degree of intelligence

1. *The teacher's reaction to the pupil*

Teaching is nerve-wearing work, teachers are human, the shadow of the older method of measuring a teacher's success only by her percent of promotions still haunts the background of her consciousness and may prompt her to drive or to scold her slower pupils. Scoldings may produce inhibitions which still further decrease the pupil's efforts, the driven child appears stupid, his accomplishment in mental tests indicates a low I. Q.; and the verdict is pronounced by the teacher without further study for factors which might lead a child of normal mentality to present a reaction to the test that would result in a subnormal score.

During past years the Department of Health and Hygiene has done much to remove previously unsuspected causes of

pupil retardation—defective hearing, defective eyesight, or lack of physical stamina to meet the demands of the school's daily work or of its standard mental tests. Teachers are becoming increasingly aware that slow mental response may arise from causes other than mental dullness. Perhaps no one other cause is more productive of grade retardation than is the pupil's ignorance of the English language in the lower grades and the omission of the pre-primer work which would help to overcome this handicap. While kindergarten and pre-primer teaching may do much to combat the tendency to retardation which is such a problem in even the lowest grades, the teacher in every grade needs to employ the sympathetic insight, the self-abnegating patience, the friendly firmness, and the altruistic but personal interest in the retarded grade pupil which is so effective in quickening the efforts of pupils of every grade of intelligence or achievement.

2. *The pupil's reaction to the teacher and to the school*

One of the most noticeable of the changes in the workshop pupil's mental and social attitudes is the change in his reaction to the teacher and to school work. A tendency to misinterpret the earnest but impersonal efforts of the grade teacher is a trait which characterizes many retarded pupils, and without doubt this has resulted in increased retardation through its influence upon the pupil's effort. Closer acquaintance with these children has disclosed the fact that many of them are what may be described as "temperamental." They are of unstable emotional poise, quick to take offense, easily discouraged, but also readily responsive to friendly influences, generous in their impulses and capable of warm friendship and great loyalty. In many cases their retardation seems to be due less to lack of ability than to lack of motivation.

In the successful workshop class the atmosphere is charged with incentives which appeal through the mental, social, and moral standards of adolescence, standards which the pupils are led to discover and organize for themselves under the teacher's friendly services as consultant at need rather than as the dictating controller of the pupil's acts and

achievements. In the grade classes these pupils were much older than their classmates, with more mature impulses, desires, viewpoints, ambitions, and with much greater physical powers, but in the grades these differences served as a wall to shut them out from the interests and motives which might vitalize the efforts of the younger members, and doubtless frequently resulted in a lack of effort to compete with these younger children.

Workshop class administration is planned to appeal to all the motives natural to the adolescent period of development, to supply the social conditions which will permit the exercise of their maturer powers, to provide situations which balance handicaps and furnish contests between equals, contests and efforts aimed to develop self-control and self-direction under teacher-guidance in place of passive obedience to teacher-control. The pupil recognizes that only through his own efforts can he accomplish the work required for legal permission to leave school and go to work. Each pupil may progress in his studies as rapidly as his ability and his inclination enable him to advance. Individual responsibility for conditions as well as for actions, the value of team-work, the social aspects of school work and school play, are all made a part of school life and their influence upon adult success is made prominent. Instead of regarding his teacher as the driver, arbitrator, or commander-in-chief, he learns to see her from various angles, sometimes as coach and director, sometimes as referee, and sometimes as applauding spectator of the work of the individual or of the team.

Still another incentive has been provided through the appeal which the handwork makes to these boys and girls. Each section of the class is occupied with handwork during one-half of each session while the other section is busy with school studies. In more than one case the first taste of school success has come to the pupil through the general recognition of the excellence of some article completed by him, an excellence which may far exceed a mentally brilliant child's ability to produce. The child's success in handwork is appreciated in the home as well as in the classroom

and it often serves to increase the parents' respect for the accomplishments and the standards of the schools.

But the strongest motive prompting the pupil to effort in the workshop class is provided through the definitely expressed and advertised aim of these classes—to enable the pupil to meet the legal requirements for the employment of minors and to go to work earlier than would be possible if he were to remain in the grades. The pupil and the parents interpret this as an evidence of friendly personal interest in the individual pupil and the gratitude of the home has been a helpful incentive to effort toward accomplishing the work required. Many of the parents who were formerly indifferent to their child's progress or antagonistic and resentful toward schools and schooling have sought opportunity to show their appreciation of the new class. Their thanks were sometimes expressed in broken English but the expressions were always charged with deep feeling which did not fail to arouse an emotional reaction in the listening teacher or principal.

This aim also appeals to the youth's social standard, his desire for industrial and financial position and compensation. Boys and girls who were discouraged idlers or trouble-makers in the grades have shown, in these workshop classes, enthusiasm and industry in acquainting themselves with the minimum requirements of the course of study and in seizing eagerly upon tests which would show them wherein they failed to meet these requirements. Day in and day out, in school, before school, after school, and at home, they have shown a persistence in effort and a steadily growing power of concentration and retention that could not fail to bring progress. Teachers and principals who have watched this awakening of adolescent purpose and vigor are not surprised that thirty percent of the total number of the pupils in Section A have completed the work of 6A during the year.

In connection with the work-a-day aim emphasized in these classes it is of interest to find that with the pupil's progress toward the achievement of his aim to leave school and go to work he began to develop an appreciation of

knowledge and of culture, of ethical and social values, and an increasing respect for and enjoyment of achievement, of power, of moral responsibility, and of worth-while success. In other words the standards, habits and skills acquired while the pupils were gaining the required knowledge will help them to be better workmen, better citizens, and better companions in adult life.

The following tables present data concerning the workshop classes:

TABLE I
NUMBER OF PUPILS ENROLLED IN EACH
WORKSHOP CLASS

| | School I | School II | School III | School IV | Total |
|-------|-------------|--------------|---------------|--------------|-----------|
| | Section A | Section A | Section A | Section A | Section A |
| Total | 30 | 30 | 30 | 30 | 120 |
| Boys | 15 | 15 | 15 | 15 | 60 |
| Girls | 15 | 15 | 15 | 15 | 60 |
| | Section B | Section B | Section B | Section B | Section B |
| Total | 30 | 30 | 30 | 30 | 120 |
| Boys | 15 | 15 | 15 | 15 | 60 |
| Girls | 15 | 15 | 15 | 15 | 60 |
| Total | 60 | 60 | 60 | 60 | 240 |

PUPILS COMPLETING WORK OF 6A DURING THE YEAR
SEPTEMBER 1927 — JUNE 1928

| | School I | School II | School III | School IV | Total |
|-------|-------------|--------------|---------------|--------------|-----------|
| | Section A | Section A | Section A | Section A | Section A |
| Total | 14 | 13 | 7 | 2 | 36 |
| Boys | 7 | 8 | 1 | 2 | 18 |
| Girls | 7 | 5 | 6 | 0 | 18 |

AGES WHEN ENTERING SECTION A

| | School I | School II | School III | School IV | Total |
|---------------------------------|-------------|--------------|---------------|--------------|-------|
| 15 yrs. to 16 yrs. | | | | | |
| Boys | 3 | 4 | 0 | 2 | 9 |
| Girls | 1 | 2 | 2 | 0 | 5 |
| 14 yrs. to 15 yrs. | | | | | |
| Boys | 4 | 4 | 1 | 0 | 9 |
| Girls | 2 | 3 | 3 | 0 | 8 |
| 13 yrs. to 14 yrs. | | | | | |
| Boys | 0 | 0 | 0 | 0 | 0 |
| Girls | 4 | 0 | 1 | 0 | 5 |
| Total number completing 6A work | 14 | 13 | 7 | 2 | 36 |

NUMBER OF PUPILS TRANSFERRED FROM SECTION B
TO SECTION A DURING THE TERM

| | School I | School II | School III | School IV | Total |
|--------|-------------|--------------|---------------|--------------|-------|
| Boys | 8 | 4 | 2 | 3 | 17 |
| Girls | 5 | 1 | 3 | 1 | 10 |
| Totals | 13 | 5 | 5 | 4 | 27 |

TABLE II

(These facts apply only to the thirty-six workshop pupils
who completed 6A work during the year.)

REPORTED ACHIEVEMENTS IN GRADES BEFORE
ENTERING WORKSHOP CLASS

Range of distribution of grade-rating when recommended
for workshop class.

| School I | School II | School III | School IV |
|-------------|--------------|---------------|--------------|
| 3B—6A+ | 2A—6A | 3B—6A | 3A—6A |

Median grade achievement reported in each subject when these
thirty-six pupils were recommended for Section A of
the workshop class.

| School | Read. | Arith. | Spell. | Pen. | Geog. | Lang. |
|--------|-------|--------|--------|------|-------|-------|
| I. | 5B | 6B | 5A | 6A | 5A | 5B |
| II. | 5B | 5B | 4A | 5B | 5B | 4A |
| III. | 4A | 5A | 6B | 5A | 4B | 4A |
| IV. | 5B | 6B | 4A | 5B | 6B | 5A |

Range of distribution of grade achievement made by
these pupils during the year—2A - 6 A.

TABLE III

I. Average length of time required per pupil before reaching
sixteen years of age—15.2 months.

II. Average length of time spent per pupil in workshop classes
before completing grade 6 A work—7.7 months.

III. Average time gained per pupil in workshop classes—7.5 months.

| Age of pupil when entering | No. of pupils of given age | Average Time required (See I above) | Average Time spent (See II above) | Average Time gained (See III above) |
|-------------------------------|-------------------------------|---|---|---|
| 15 yrs. to 16 yrs. | | | | |
| Boys | 9 | 14 | 9.0 mo. | 7.5 mo. |
| Girls | 5 | | | 1.5 mo. |
| 14 yrs. to 15 yrs. | | | | |
| Boys | 9 | 17 | 16.5 mo. | 8.2 mo. |
| Girls | 8 | | | 8.3 mo. |
| 13 yrs. to 14 yrs. | | | | |
| Boys | 0 | 5 | 28.2 mo. | 6.8 mo. |
| Girls | 5 | | | 21.4 mo. |
| Average per pupil | | 15.2 mo. | 7.7 mo. | 7.5 mo. |

Table I is self-explanatory. Tables II and III refer to the pupils in Section A who completed the work of grade 6A during the year. When a pupil enters Section A his latest teacher makes out a chart of his achievement in each of six school studies and often these charts show a wide range of accomplishment in different subjects. A pupil may be graded as 2 A or 3B in reading or language, 6A in arithmetic, 7A in penmanship, 6 B in spelling, and 4A or 5B in the other subjects. Such a chart would indicate that a large part of this child's previous instruction had been received in a school in which English was given but little prominence while arithmetic, penmanship, and spelling received much attention, possibly in some language other than English. But children who have spent years in our grade classes may show an equal range of distribution of attainment, the widest range in any workshop class being from 2 A to above 6A. The median grade achievement is found to lie between 4A and 6A, indicating that the average amount of work to be accomplished before completing 6A would cover two years of grade work per pupil. Table III shows that the average time required to enable these pupils to leave school on reaching sixteen years of age is fifteen months but that nearly forty percent of these pupils were already in their sixteenth year and that their release from school would automatically come before the end of the school year whether they were enrolled in the workshop classes or in the grades. The transfer to these classes has enabled these pupils to acquire not only the knowledge which would have been out of their reach if they had remained in a grade class, but it has developed habits and skills, mental attitudes, social and ethical standards which will enrich their lives and will bear fruit in community well-being.

To this group may be added the twenty-five pupils who left these classes at sixteen years of age without completing the 6A work. The question might arise, "What has been gained by transferring these pupils to the workshop class when this transfer has resulted in so little gain in time?" Not long ago a teacher, wise through insight and experience, pointed to a group of eighth grade boys each one of whom was taller and larger than any of his instruc-

tors. Her comments upon these boys help to answer the question suggested above. As she looked smilingly at the group, who were not within earshot, she said, "For the teacher who knows how to handle those boys, they are as good as gold. They will do *anything* for her. But if they are not handled in the right way there is no limit to the trouble they will make." This temperament is frequently found in the retarded group and pupils of this type were welcomed as candidates for admission to the workshop classes, as it was anticipated that help for both grade teacher and for the trouble-making pupil might be furnished through this transfer. During the year which such boys and girls have spent in the workshop class teachers and principals have called attention to many cases in which this transfer had resulted in the change of a disaffected, antagonistic loafer and trouble-maker into an efficient, faithful, loyal citizen of the school republic. In more than one case the teacher has remarked with no little feeling, "The change in that one boy since he entered the class would well repay the community in a future saving in dollars and cents alone even if the cost for this one individual had been the amount that all the workshop classes have cost the city." And in their thought these teachers did not ignore the present pressing need for economical use of the taxpayer's funds but at the moment they were taking the long look which tries to see things in their true perspective and proportion.

Table III also shows the present financial gain which may be reached by entering retarded pupils in workshop classes at thirteen years of age instead of waiting until they are fifteen years old. In less than seven months these five thirteen-year-old children completed the work which their grade teachers could not hope to accomplish in twenty-eight months, in this way reducing the required grade period of instruction by seventy-five percent. The pupils entering the classes between fourteen and fifteen years of age reduced the required grade period by fifty percent, while those entering the class in their sixteenth year lessened this time by but little more than fifteen percent. This reduction in time will be offset to some extent by the increased cost of the instruction furnished these pupils, an

increase due mainly to the fact that two teachers are provided for each boy or girl.

Since the aims and the accomplishments in workshop classes are based naturally upon the work of the grade classes a report of either group should serve as a mirror which reflects the work of the other. To a very large extent this reflection of grade work is seen in this report of workshop objectives and activities. Close correlation has been secured through the repeated use of unstandardized tests based upon our local course of study and the use of standardized tests which measure median attainments in grade classes throughout the country. In each case the test was given to grade classes and workshop classes by one person, not always the same person in different tests, and the papers were corrected by one person, in this way assuring as nearly as possible identical conditions for every class in administering the test and in grading the pupil's papers.

In the grade classes the results of these tests showed a marked gain over the results of tests given in these grades ten years ago, the earlier tests being similar in type but of much easier requirements. Appreciable gains were shown in the scope and accuracy of the knowledge tested, and a very noticeable gain was evidenced along those lines of education which are not based upon memory work. This gain was shown in the pupil's power of self-direction, of grasp upon the thought presented, of technical details of form and placement of written work, and in mental poise and social responsibility.

In the workshop classes the pupils' attainments in knowledge of 6A work compared favorably with that of the grade classes and proved that promotion from these workshop classes had been well-earned. In the work covering the review of previous grades their recent study of the work of these grades and the thorough tests in lower grade subjects which they had been required to pass before attempting higher grade work enabled the workshop class pupils to reach higher scores in this review than were general in the 6A group. Another factor which raised the scores of

the workshop group was the training in following directions, in self-measurement of their own work, in initiative, and in responsibility. These had been results definitely aimed for in the close supervision that these classes had received while we were attempting to establish firm foundations for this new type of class. In the grades this supervision, the close weekly or daily inspection of the work of teachers and pupils, the frequent but unprepared-for tests which help to verify or to modify the impressions gained through inspection, the interpretative study of the pupils' scores to discover strength or weakness in the work of teacher or pupil, no longer rests in the hands of superintendent or grade supervisor. It is now generally conceded that its most appropriate place is among the duties of the school principal. The scores of the tests given for a comparative study of grade 6 A and workshop achievement clearly indicated the presence and the influence of the principal's supervision in some schools and as clearly showed a lack of this influence in other schools.

The educational trend toward close supervision by the school principal has been very recent in its origin and the prevailing practice has placed many hindrances in the way of providing sufficient time for this supervision by the principal. This rapidly advancing movement which gives the principal the most important place in classroom supervision is due almost wholly to the changing emphasis placed upon the objectives of education and of supervision. This trend toward supervision by the principal is indicated in the following words of Miss Cornelia S. Adair, President of the National Education Association, quoted from her address given at the Minneapolis meeting in July, 1928. "Supervision once meant inspection. Later it meant petty dictation. Now it means inspiring leadership. For the masses of teachers this leadership will be associated more and more with supervising principals of broad training and fine personal character." Some of the principals in our elementary grades have a well-sustained reputation as pioneers along this new line of activity, a reputation gained through resident university courses, university extension work, membership in state and national committees engaged in the

study of education and through other forms of study and experience. Their influence promises a steadily growing morale and efficiency in our elementary department, whatever changes time may make in its personnel.

When supervision was first introduced it was devoted mainly to methods of teaching and adaptation of courses of study. The logical place for this responsibility was in the hands of some person trained for this work through wide and successful experience in teaching and possessed of a personality which would make her efforts acceptable to teachers. But the work of teachers is no longer measured only by their pupils' success in acquiring the knowledge and the skills outlined in the course of study. These must not be neglected but emphasis is now placed upon the teacher's responsibility for developing the personality of the pupil along lines which will fit him to meet the duties and responsibilities that future years will bring.

This interpretation of one of the chief aims of education received special attention at the Minneapolis meeting of the National Education Association last July. In the addresses given at this meeting we find an impressive reiteration of the importance of this phase of the work of the schools. "Character and Training, Education for Citizenship, Personality and Guidance, Personality and Behavior, The Problem Child, Child Development, Surveys and Standards, Standards and Ideals, Research, Reducing the Child's Handicap, Differentiation in Program to Meet the Needs of Individual Pupils," are ideas which were repeated again and again in the titles of addresses and given a prominent place in the program of each department of the Association.

The personal contact required for this development of personality cannot be furnished through the infrequent visits of the supervisor, it lies in the hands of teachers and principals whose administration of the details of school life and whose daily intercourse with their pupils must convey these lessons which can be taught in no other way. No longer may the principal fill his hours with making out reports, checking up attendance or non-attendance, account-

ing of books and supplies, filling out requisitions, administering corporal punishments, or suspending incorrigible offenders. In addition to the former routine duties he must now furnish counsel, insight, sympathy; he must study each persisting failure in discipline or in lessons, seeking to find the motives or other causes which lie back of the pupil's acts of omission or commission; he must coordinate the work of the classrooms, acquainting himself with the work of each, and he must insure the review of the work of the lower grades in each succeeding grade, since knowledge once gained may later be lost through neglect of review and incorporation with new knowledge. He must know the aims of the course of study and of the methods of teaching; he must be able to give interpretative reports to his teachers concerning the tests and reviews he conducts. In short, he must be a supervisor.

If principals are to become supervisors of grade work, each in his relatively narrow sphere, what further need is there for grade supervisors and assistant superintendents? Miss Adair touches on this point when she states, "Beyond the work of the principal there is in every school system a wider direction—perhaps more accurately called administration than supervision—which concerns intimately the growth of every child and teacher." The direction of the graded work of a school system furnishes a problem so wide in its scope that no principal or group of principals can compass it, and so intricate and intimate in its details that no superintendent can find time for it if his school system numbers many schools and teachers. This direction and guidance calls for a service which can be accomplished only by the group of supervisors or assistant superintendents. This service is concerned with problems of coordination of the work from grade to grade, decisions concerning the aims, the policies, the standards that shall motivate the work of the department while allowing the greatest possible freedom to the individual. Measurement of the results of the teaching in the different classrooms, different grades, different sections of the city, the development of a spirit of cooperation and team-work throughout the system, lead-

ership and guidance in educational progress, a recognized head of a department who is responsible to the superintendent and who will relieve him of the multitudinous details which this subordinate position is designed to care for—these are some of the reasons which called for the establishment of the positions of grade supervisor, director, assistant superintendent, by whichever name the position may be called. True inspirational leadership and guidance by this group of workers will improve the work of every individual who comes within this influence, an influence which will render more effective the time spent by the pupils, the efforts expended by the teachers, and the funds provided by the citizens.

The close of the year finds many of the elementary grade conditions in our city more favorable for good work than they have ever been before. The results of the supervision in health and hygiene, in mental and physical recreation, in measurement of mental ability and achievement, and in provision for the mentally retarded have alleviated not a few of the problems which add so much to the difficulty of the grade teacher's work. This is a fact which the experienced grade teacher fully realizes and which the youngest teacher would soon discover if our schools were forced to return to the conditions of instruction and discipline which prevailed before these benefits to both the normal child and to the handicapped child were introduced.

In our attempts to secure for normal children the best conditions for efficient grade teaching we have not only relieved the grades of the burden entailed by the presence of groups of pupils whose needs cannot be met in the grades, but we have restored to these handicapped groups the opportunities and advantages which the grades furnish to the child of normal physical, mental, and social endowment. During the past year grade teachers have spoken warmly of the increased efficiency in their teaching that had resulted from the removal of the problem cases so frequently found among retarded children whose needs are not being met. The improvement in class atmosphere in the higher elementary grades has been very noticeable during the year

and was specially evident to the examiners who conducted the tests given so generally throughout the city. Teachers have attributed this improvement to the transfer of many problem children to the workshop classes.

The objectives and standards which have motivated and measured our work for many years are still spurring us to further progress. These aims and achievements are to train our pupils in the habits and skills which will develop character, health, intelligence, knowledge, culture, and service. Training for service results in the development of the ability and the will to serve one's self instead of depending upon the service of others; the ability and the will to serve one's family, neighbors, community, and nation; and the ability and the will to serve God and the world through uniting with one's fellow-men in effort and influence to enable the people of the world to become healthier, happier, more capable, more prosperous, more progressive, more sympathetic, and more just.

In concluding this report I desire to express my appreciation of the many contributors to the success of our schools. We have been more fortunate than most cities by reason of the long terms of service, twenty-two years, eighteen years, and twenty years, contributed by our three superintendents of schools. New Bedford has long recognized our debt to Henry F. Harrington and to William E. Hatch whose names are written upon the nation's roll of eminent educators. The influence of their ideals and standards, the far-sighted vision of the trends and the requirements of progressive education granted to one and the executive ability that transmuted the vision into the reality which was the added contribution of the other, these are still enriching our schools. To you, Mr. Keith, our present Superintendent of Schools, we owe much for your keen and sympathetic grasp upon the details of school administration, for the fair-minded and friendly attitude you have maintained in your intercourse with teachers and pupils, and for the judgment and skill with which you have met new problems and have successfully developed educational progress

during many stirring years of rapid growth and readjustment in the school system.

Our hearty thanks are due to Mayor Charles S. Ashley who for nearly a quarter of a century, as Chairman of the School Board, has directed its administration along practical and progressive lines. Few school departments have been so fortunate as New Bedford has been through the contribution of the service of this wise, forceful, sympathetic, open-minded, and eminently efficient administrator.

I share deeply in the appreciation and regret which was voiced by principals and teachers when they learned the decision of Mrs. Hazel C. Burton, our present Vice-Chairman of the School Board, to retire at the close of her present term. Her deep interest in the welfare and the progress of the schools and her large contributions of time, thought, observation, and study have brought not only helpful administrative action but have furnished inspiration to the teachers and principals. We deplore the loss of another valued contributor to the success of our schools. Through the death of Miss Lucy C. Bedlow, Supervisor of the Department of Practical Arts, we lose her distinctive contribution to the schools and to the community, but the impress of her life and her work will continue to influence the teachers and the pupils whom she trained and served.

Thanks are due to the many members of the School Board who during the passing years have made the interests of the pupils their care in the administration of school affairs. These men and women have realized that as city officials they could best serve their city by doing all in their power to provide the community with future citizens who have been so trained in body, in mind, and in will that they can adequately meet the community's needs when their time for responsibility as citizens arrives.

A large contribution to the success of the elementary grades is found in the team-work which has characterized the workers in these grades. Each has increased the value of his service through the cooperation he has given to his fellow workers. These contributions have come from

workers in all the lines of the department's activities—school buildings with their equipment and care, attendance of pupils and investigations of causes of non-attendance, health inspection and training and the removal of physical handicaps which hinder physical and mental development, recreational activities with their physical, social, and ethical influences, training for enjoyment through art and music (the world has always gauged the civilization of a people by the extent to which they met this need of human nature) the acquisition of knowledge, the testing of mental powers and attainments, the building of character, and the administrative activities which control and the clerical activities which record the results secured by the workers in these various other lines. Each of these phases of work has furnished threads which have formed the warp and the woof of elementary grade success from the kindergarten through the highest grammar grade and through the many types of classes designed to meet the special needs of children who cannot be well served in the grades.

The children in our schools have contributed to the success of the schools through their responsive attitude towards their teachers' instruction and through their hearty participation in responsibility for their conduct and their progress. We have also felt the helpful influence which the home, the church, the community, the public library, and the press can contribute to the attitude and the progress of the children.

Whatever the personnel of its corps the success of our schools is assured while this cooperation continues. New workers will join as the older workers retire but no accessions and no losses will remove from each worker's shoulders the responsibility that rests upon him to give cooperative service. This spirit of cooperative service is present in large measure. It will continue to hold our schools to the standards they have reached and will insure their continued progress.

Respectfully submitted,

JOSEPHINE B. STUART,

ANNUAL REPORT

OF THE

SUPERINTENDENT OF STREETS

OF THE

CITY OF NEW BEDFORD, MASS.

TO THE

CITY COUNCIL

FOR THE YEAR ENDING NOV. 30, 1928



THE A. E. COFFIN PRESS—PRINTERS
NEW BEDFORD, MASS.
1929.



STREET DEPT. YARD AT LIBERTY AND SMITH STS.

Report of the Superintendent

January 15, 1929.

Honorable City Council,

New Bedford, Mass.

Gentlemen :—

In compliance with the provisions of the City Ordinances, I herewith submit the annual report of the Street Department for the year ended November 30, 1928.

A brief resume of the year's work follows :—

ADMINISTRATIVE. The general organization of the department has remained unchanged. Mr. William H. Chase, Assistant Superintendent, severed his connection with the department on February first.

NEW CITY YARD. The new yard and buildings at the northwest corner of Liberty and Smith Streets were turned over to us on January 30 and moving was practically completed a month later.

The new yard extends 565 feet on Liberty Street and 554 feet on Smith and has an area of about $5\frac{1}{2}$ acres.

There are three principal buildings, consisting of an office building 46x26, in size, containing two large rooms, closets, toilets, etc., a central heating plant and a fireproof vault for the storage of departmental records, is located in the basement.

The shops are housed in a building, 190x37, containing blacksmith, carpenter and paint shops and a storage room for lumber.

The storehouse is 143x26 and contains small offices for the storekeeper and weigher, two store rooms for tools and

supplies and a shop for making brooms and the care of lanterns. There is a small heater in the latter for furnishing heat and hot water.

All buildings are one story wood construction.

The sheds at the old yard were moved to the new location and are used for storage of equipment.

A small brick magazine was built by our own employees for the storage of dynamite.

The yard is enclosed by a chain link wire fence 8 feet high.

It was necessary to grade the entire lot in order to provide a suitable surface and drainage. Old cobbles which had been removed from gutters in the streets were used for filling and make an ideal base for the surface as well as providing excellent drainage.

Old macadam salvaged from street work during the year was utilized for most of the surfacing.

The scales are conveniently located at the east end of the storehouse building.

With this new lay-out, it will be much easier to control supplies and equipment and keep more accurate records of disbursements than heretofore.

GENERAL REPAIRS AND MAINTENANCE.
Street surfaces and pavements have been maintained in the usual manner at a slightly less cost.

Street cleaning has been done by machine brooms, supplemented by hand sweeping. Replacing of the old cobble gutters with bituminous macadam, has made possible the use of machines for cleaning, formerly, of necessity, done by hand.

It is still necessary to maintain about a dozen so called

“hokey-pokey” men to clean up litter which accumulates during the day in the business sections.

The cost of street cleaning was about \$5,300.00 less than in 1927.

ASHES AND RUBBISH. Separate collections were made of ashes and rubbish, but conditions attending the collection of rubbish are far from satisfactory under the present system, particularly from the standpoint of clean streets. It has been difficult to persuade householders to properly separate materials and tie up the papers, with the result that the streets are strewn with litter on the days of collections.

It was not deemed advisable to enact a new ordinance on the subject until the possibility of combining the collections of combustible rubbish and garbage under a contract was finally settled. At this writing, the matter is under consideration by the Mayor and the Board of Health.

The cost of collection was about \$5,500.00 less than in 1927.

SNOW AND ICE. The total expenditure for snow plowing, removal and sanding icy streets and sidewalks, was a little over \$21,000.00.

The city is divided into eleven districts, to which men and plows are assigned, each plow having about 14 miles of streets to keep cleared, (about two days' work). The three motor truck loaders were used in the business sections.

The total snowfall for the winter was 27 inches, which is the approximate average for the past ten years.

STREET SIGNS. About fifty additional ornamental street signs were put up.

Traffic signs and lines were maintained where required.

NEW CONSTRUCTION. The policy of laying Warrenite pavement on heavily traveled streets and bitumin-

ous macadam on residence streets was continued.

Tables show the location and cost of the work done during the year.

GRANOLITHIC. Only about one-fourth as much granolithic sidewalk was laid as in 1927. In view of the business depression the board felt that no additional burden should be put on property owners this year, consequently only walks which had been previously ordered and in cases where owners petitioned for them, were laid.

CURBING. About 58,000 lineal feet of new granite curbing was laid during the year.

SEWERS. A new iron force main was laid in Belleville Avenue, from the pumping station at Belleville Road for about 1649 feet southerly to replace old clay pipes which when under pressure, developed bad leaks.

The Jarry Street segment block sewer was completed. Other sewers built are shown in the tables.

Twenty-nine new catch basins were built.

BRIDGES. Extensive repairs were made on both the Fairhaven and Coggeshall Street Bridges.

The condition of the deck on the Coggeshall Street Bridge was such that it was considered unsafe to further delay replacing the entire floor and timbers, which was done—at the same time we found that the operating mechanism of the draw had been badly damaged some time in the past—several new gears were installed and the iron sub-structure was painted.

FAIRHAVEN BRIDGE. About eighty (80) sections of the fence were replaced east of the draw span and some repairs to the operating gears and valves were necessary.

It was also necessary to cut down the granite bridge seats

about an inch to allow a safe clearance when the draw was operated. The clearance has gradually been growing less, due to the wear in the knuckle joints and bearings in the super-structure, allowing the ends of the draw to sag, until it was decided dangerous to let it go another year. This work was done by city labor.

CONCLUSION. I take this opportunity to express my gratitude to the Mayor, members of the City Government, Department Heads and Employees of the Street Department for their helpful co-operation during the year.

Respectfully submitted,

W. P. HAMMERSLEY,

Superintendent.

NEW BEDFORD—1928

GENERAL STATISTICS

Population, assessors estimate 118,137.

Valuation, assessors estimate \$201,581,800.00.

Area, about 19.40 square miles.

Accepted streets, 211.146 miles.

Bridges over the Acushnet River: New Bedford and Fairhaven Bridge, 9/10 mile long and 70 ft. wide; 4/5 maintained by New Bedford. Coggeshall street bridge $\frac{3}{4}$ maintained by New Bedford. Slocum street bridge $\frac{1}{2}$ maintained by New Bedford.

Pavements. Note: In the following list the area given is the total area of that kind of pavement on all streets, but the length given is the length of streets where that material is the principal pavement.

| | |
|--|-----------------------------|
| 46.777 miles bitulithic and similar pavement, | area, 827,990.72 sq. yds. |
| 79.690 miles bituminous macadam pavement, | area, 1,237,099.51 sq. yds. |
| 38.647 miles water bound macadam, seal coated, | area, 415,554.32 sq. yds. |
| 10.949 miles granite block pavement, | area, 170,909.44 sq. yds. |
| 0.064 miles brick pavement, | area, 10,561.96 sq. yds. |
| 0.682 miles wood block pavement, | area, 19,771.02 sq. yds. |
| 0.090 miles cobble pavement, | area, 2,010.00 sq. yds. |
| 0.203 miles concrete pavement, | area 12,209.00 sq. yds. |
| 5.164 miles bituminous gravel roadway, | area, 72,898.17 sq. yds. |
| 3.383 miles gravel roadway, | area, 31,886.45 sq. yds. |

STREET DEPARTMENT

9 w

25.497 miles unimproved streets, except that some have
been graded.

227.65 miles granite curbing.

99.435 miles granolithic walks, area, 424,828.00 sq. yds.

28.249 miles tar walks, area, 119,305.00 sq. yds.

25.347 miles flag walks, area, 72,786.00 sq. yds.

SEWERS

181.48 miles of sewers, (including interceptor)
\$5,208,946.21.

2,219 catch basins.

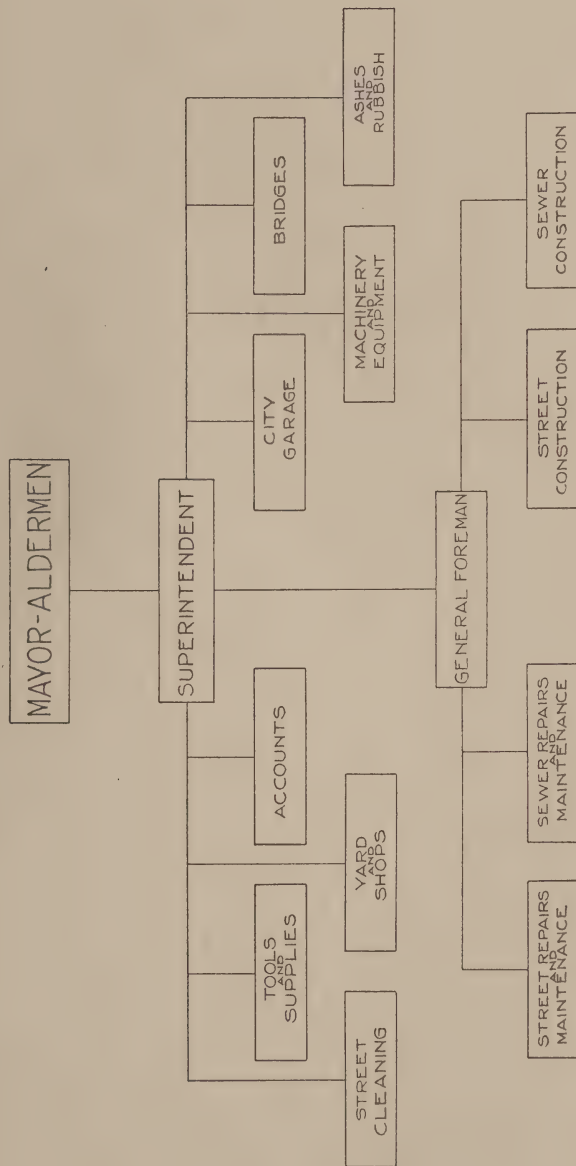
978 inlets and eyeholes.

STREET DEPARTMENT

APPROPRIATIONS AND EXPENDITURES—1928

| | Appropriation | Receipts | Total | Expenditures | Balance |
|--|----------------|--------------|----------------|----------------|-------------|
| Highways | \$440,000.00 | \$130,838.10 | \$570,838.10 | \$566,054.81 | \$4,783.29 |
| Highway Improvement C. 44 No. 7 s. 7 | 400,000.00 | | | | |
| Bond Foundation | 55,000.00 | | | | |
| Balance from 1927 | 7,946.33 | 86,034.48 | 548,980.81 | 548,744.75 | 236.06 |
| Highway Improvement C. 44 No. 7 s. 6 | | | | | |
| Balance from 1927 | 2,163.53 | 456.87 | 2,620.40 | 620.40 | 2,000.00 |
| Sewers and Drains | 27,000.00 | 31,858.58 | 58,858.58 | 56,890.73 | 1,967.85 |
| Bridges | 33,000.00 | | 33,000.00 | 32,948.51 | 51.49 |
| New Catch Basins | 7,500.00 | | | | |
| Balance from 1927 | 154.58 | 241.96 | 7,896.54 | 7,795.93 | 100.61 |
| Sewer Construction | 71,372.59 | 1,600.01 | 72,972.60 | 64,862.64 | 8,109.96 |
| Special Appropriations | | | | | |
| Widening Union St. | | 196.07 | 13,149.38 | 5,930.78 | 7,218.60 |
| Balance from 1927 | 12,953.31 | | | | |
| County and Fair Sts. | | | | | |
| Balance From 1927 | 120.68 | | 120.68 | 14.46 | 106.22 |
| Shaw St. | 2,000.00 | | 2,000.00 | 2,000.00 | |
| Highway Department Yard | 15,000.00 | | 15,000.00 | 15,000.00 | |
| | \$1,074,211.02 | \$251,226.07 | \$1,325,437.09 | \$1,300,863.01 | \$24,574.08 |

ORGANIZATION CHART - 1928



Highways Accounts

HIGHWAYS ACCOUNT

EXPENDITURES

| | | |
|---|-------------|-------------------|
| Ashes—Collection and Disposal | | \$119,427.15 |
| Accidents, compensation and supplies | | 17,614.23 |
| Automobiles—service cars | | 14,188.67 |
| Municipal garage—maintenance | | 16,104.53 |
| Main office—salaries and supplies | | 21,522.02 |
| Yard office—salaries and supplies | | 13,232.31 |
| Storehouse, salaries and labor | | 5,759.01 |
| Yard Maintenance, labor and materials | | 7,868.85 |
| Pension | | 451.67 |
| Street cleaning: | | |
| Hand broom sweeping | \$32,497.73 | |
| Gutter cleaning | 13,590.94 | |
| | | <hr/> \$46,088.67 |
| Machine sweeping: | | |
| Elgin No. 3 | \$1,444.87 | |
| Elgin No. 6 | 6,378.00 | |
| Austin | 8,848.34 | |
| | | <hr/> 16,671.21 |
| Removing snow and ice | | 18,271.31 |
| Sanding icy streets | | 1,837.27 |
| Snow machinery—repairs and assembling | | 1,145.49 |
| Street signs | 1,975.85 | |
| Parking signs | 1,106.58 | |
| Traffic lines | 4,731.18 | |
| | | <hr/> 7,813.61 |
| Walks, cinder and gravel | | 37,728.96 |
| Stock—carting and handling | | 1,330.44 |
| Tools, new | | 490.82 |
| Telephones | | 279.30 |
| Water supply | | 856.37 |
| Lighting | | 867.61 |
| Insurance | | 472.38 |
| Heating plant (Hillman and Ash St. Yd.) | | 3,025.25 |
| Heating plant (Smith St. Yd.) | | 717.96 |
| Dynamite magazine | | 534.41 |
| Bound stones | | 623.22 |
| Repairs and Maintenance: | | |
| Buildings | 1,037.75 | |
| Fences | 7.25 | |
| Cross walks | 194.18 | |
| Curbing, relaid | 3,991.11 | |
| Concrete and tar walks | 3,955.35 | |
| Dirt roads | 384.12 | |
| Driveways | 154.76 | |
| Filling holes and washouts | 4,853.66 | |
| Flag walks | 2,985.74 | |
| Granolithic walks | 1,728.60 | |
| Gutters | 611.72 | |

STREET DEPARTMENT

13 w

| | | |
|--|--------------|--------------|
| Road machinery (not automotive) | 1,818.04 | |
| Tools | 3,928.33 | |
| Tool houses | 133.55 | |
| Concrete pavements | 49.88 | |
| Macadam (waterbound) | 4,433.83 | |
| Macadam (Bituminous) | 13,101.86 | |
| Surface treatment (113,026.46 sq. yds.) | 10,621.25 | |
| Filling (granolithic) | 241.38 | |
| Wood and granite block pavement | 1,353.64 | |
| Gravel roads (Bituminous) | 1,473.56 | |
| Cornell Place, bitum. macadam | 994.26 | |
| Walls | 784.85 | |
| Bitulithic pavement | 7,294.75 | |
| Grading with cinders | 5,991.69 | |
| Centre crusher | 898.44 | |
| Scales | 253.43 | |
| Parking lot alterations | 232.77 | |
| | | <hr/> |
| | | \$73,509.75 |
| Supplies | \$3,575.73 | |
| Setting up shops—City yard | 1,833.23 | |
| Miscellaneous | 2,038.86 | |
| Grading—Smith St. yard | 27,618.65 | |
| Grading streets | 33,726.59 | |
| Equipment | 809.47 | |
| Service corporation charges | 5,456.43 | |
| Department transfers and miscellaneous charges | 96,884.09 | |
| | | <hr/> |
| | | \$600,375.52 |
| Credit received from use of trucks, road machinery and supplies | 48,624.33 | |
| | | <hr/> |
| | | \$551,751.19 |
| Appropriation | \$440,000.00 | |
| Receipts | 130,838.10 | |
| | | <hr/> |
| | | 570,838.10 |
| Expenditures | 551,751.19 | |
| | | <hr/> |
| Balance | 19,086.91 | |
| Transfer to Welfare Department | 14,303.62 | |
| | | <hr/> |
| Balance | \$4,783.29 | |

COMPENSATION DATA

| | |
|--|-------------|
| Number of no lost time accidents | 31 |
| Average age of injured employee | 45 |
| Number of lost time accidents | 21 |
| Average age of injured employee | 51 |
| Total amount expended | |
| including medical and hospital attendance | \$17,614.23 |
| Hearings before Industrial Accident Board | 7 |
| Conferences before Industrial Accident Board | 12 |
| Number of fatal cases | None |

REMARKS. With the maximum amount of weekly compensation payments increased by the Legislature from sixteen to eighteen dollars, a considerable increase in the amount of compensation to be paid for the year 1928 was anticipated, but the actual figures at the end of the fiscal year 1928 showed a reduction in the amount paid over that of the year 1927 of \$4,914.56.

WIDENING AND ALTERATION OF STREET LINES—1928.

| Street | Location | Date | Description |
|------------------|-----------------------------|---------|--------------------------|
| Hawes | N. E. Cor. Tarkiln Hill Rd. | June 14 | Corner cut off |
| Hawes | S. W. Cor. Tarkiln Hill Rd. | June 14 | Corner cut off |
| Lawrence | N. E. Cor. Tarkiln Hill Rd. | June 14 | Corner cut off |
| Lowell | N. W. Cor. Tarkiln Hill Rd. | June 14 | Corner cut off |
| Page | Allen to Bedford | June 30 | Widened 25' on East side |
| Pleasant | S. E. Cor. Weld St. | Oct. 13 | Corner cut off |
| Purchase | S. W. Cor. Nausett St. | May 25 | Corner cut off |
| Tarkiln Hill Rd. | W. of Mary St. | June 14 | Widened on South side |

GRADE ESTABLISHED—1928

| Street | Location | Date | |
|----------|----------------------------------|------|----|
| Illinois | Pine Grove St., easterly 200 ft. | June | 30 |
| Jarry | E. and W. of Pine Grove St. | June | 30 |
| Ohio | E. and W. of Pine Grove St. | June | 30 |

CHANGE OF GRADE—1928

| Street | Location | Date | |
|------------|----------------------------------|------|----|
| Appleton | E. of Pine Grove St. | June | 30 |
| Maryland | E. of Pine Grove St. | June | 30 |
| Pine Grove | Tarkiln Hill Rd. to Appleton St. | June | 30 |

STREETS LAID OUT AND ACCEPTED — 1928

| STREET | LOCATION | DATE | Length and Width in feet | |
|-------------|--|---------------|--------------------------|--------|
| | | | 40 ft. | 50 ft. |
| Chaffee St. | Wildwood Rd. to Church St. Church St. to King St. Maxfield St. northerly 325 ft. | Nov. 9, 1928 | | 656.89 |
| Shaw St. | | Feb. 24, 1928 | | 170.34 |
| Summit St. | | Oct. 26, 1928 | 324.96 | |
| | | Totals | 324.96 | 827.23 |

STREETS DISCONTINUED — 1928

| STREET | LOCATION | DATE | Length and Width | |
|------------|-----------------------------|--------------|------------------|--|
| | | | 21 ft. | |
| Copper St. | Acushnet River to Front St. | July 5, 1928 | 530 | |
| | | Total | 530 | |

Total Net Increase for Year 622.19 ft. — 0.118 Miles.

ENTRIES MADE

1928

| | | |
|------------------|---------------------------------|--------------|
| Hawes St. | Park Ave. to Tarkiln Hill Rd. | (new street) |
| Shaw St. | King to Church Sts. | (new street) |
| Page St. | East side Bedford to Allen Sts. | (widening) |
| Pleasant St. | Southeast corner Weld St. | (widening) |
| Purchase St. | Southwest corner Nausett St. | (widening) |
| Tarkiln Hill Rd. | South side west of Mary St. | (widening) |
| Tarkiln Hill Rd. | Northeast corner Hawes St. | (widening) |
| Tarkiln Hill Rd. | Southwest corner Hawes St. | (widening) |
| Tarkiln Hill Rd. | Northwest corner Lowell St. | (widening) |
| Tarkiln Hill Rd. | Northeast corner Lawrence St. | (widening) |

HIGHWAYS

| | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 |
|--|-------------|-------------|-------------|------------|------------|------------|
| Macadam repaired W. B. | \$86,951.75 | \$50,980.20 | \$59,274.15 | \$8,476.25 | \$8,697.22 | \$4,433.83 |
| Bituminous gravel | 177,411.12 | 291,596.34 | 14,857.51 | 81,124.25 | 57,695.72 | 20,897.03 |
| Bituminous macadam | 160,338.61 | 170,033.82 | 345,594.00 | 326,615.46 | 311,797.73 | 276,003.57 |
| Bitulithic paving | 138,772.59 | 131,989.72 | 3,262.91 | 60,624.07 | 131,168.60 | 80,694.01 |
| Streets filled and graded | 88,590.67 | 80,514.48 | 153,155.63 | 19,255.36 | 105,290.86 | 104,705.50 |
| Curbing, new | 2,870.77 | 5,931.11 | 127,986.35 | 146,766.21 | 101,286.63 | 110,105.11 |
| Gutters, repaired | 3,815.21 | 1,414.40 | 6,042.47 | 1,496.31 | 649.70 | 611.72 |
| Concrete sidewalks repaired | 35,112.98 | 33,227.06 | 3,407.05 | 3,311.69 | 2,927.03 | 3,955.35 |
| Gravel and cinder walks | 60,883.00 | 104,424.53 | 24,978.35 | 18,880.77 | 13,665.10 | 39,202.52 |
| Granolithic sidewalks | 10,309.50 | 2,304.71 | 217,394.15 | 193,875.89 | 124,561.27 | 33,894.99 |
| Paving repaired, block, cob- ble and wood block | 3,497.07 | 4,458.62 | 2,307.14 | 4,769.31 | 4,129.26 | 1,353.64 |
| Flagging repaired | 131,731.99 | 117,471.31 | 3,533.12 | 3,046.03 | 2,420.16 | 2,985.74 |
| Sweeping and cleaning streets | 38,384.71 | 18,076.81 | 93,090.60 | 88,133.15 | 68,133.15 | 62,759.88 |
| Removing snow and ice | 132,262.32 | 125,412.82 | 17,988.89 | 48,830.40 | 64,652.41 | 18,271.31 |
| Collecting ashes | 19,805.48 | 18,713.94 | 121,329.91 | 114,670.96 | 124,984.69 | 119,427.15 |
| Filling holes in street | | | 11,537.02 | 6,126.93 | 4,431.05 | 4,853.66 |

**Highway Improvement
Accounts**

HIGHWAY IMPROVEMENT C44 No. 7 S7

| | |
|-------------------------|--------------|
| Appropriation | \$400,000.00 |
| Balance from 1927 | 7,946.33 |
| Receipts | 141,034.48 |
| <hr/> | |
| Total | \$548,980.81 |
| Expenditures | 548,744.75 |
| <hr/> | |
| Balance | \$236.06 |

Expenditures :

| | |
|---------------------------|--------------|
| Curbing | \$110,006.11 |
| Granolithic walks | 33,894.99 |
| Bitulithic pavement | 82,320.29 |
| Bituminous macadam | 276,003.57 |
| Bituminous gravel | 10,162.08 |
| Entries | 60.57 |
| 1927 work completed | 561.62 |
| Transfers | 35,735.52 |
| <hr/> | |
| \$548,744.75 | |

STREET DEPARTMENT

23 W

CURBING—NEW—1928

| Street | Location | Length ft. |
|---------------|------------------------------------|------------|
| Acushnet Ave. | E. s., n. Abrams | 38.00 |
| | N. e. cor. Abrams | 20.00 |
| | E. s., Bedford to Russell | 13.00 |
| | B. s., s. Braley Rd. | 12.00 |
| | S. w. cor. Ohio | 14.25 |
| | E. s., s. South | 4.50 |
| Adams | B. s., County to Reynolds | 419.14 |
| | N. e. cor. Reynolds | 19.17 |
| | S. e. cor. Reynolds | 18.08 |
| | N. w. cor. Reynolds | 19.00 |
| | B. s., Reynolds to Myrtle | 702.67 |
| | B. s., Myrtle to Summer | 564.17 |
| Allen | B. s., Summer to Mt. Pleasant | 235.92 |
| | B. s., Brigham to Brownell | 451.00 |
| | S. w. cor. Brownell | 15.60 |
| | S. s., Rural to Winter | 130.00 |
| | S. s., Winter to Brownell | 197.50 |
| | N. s., Rodney French Blvd. to Fern | 1,222.00 |
| Apponagansett | E. s., Arnold to Union | 109.92 |
| Armour | S. e. cor. Ash | 14.10 |
| Arnold | S. e. cor. Bates | 31.25 |
| Ashley Blvd. | N. e. cor. Bates | 31.25 |
| | E. s., Glennon to Bates | 112.00 |
| | E. s., Bates to Query | 116.25 |
| | N. e. cor. Query | 32.92 |
| | S. e. cor. Query | 29.75 |
| | W. s., Glennon to Query | 220.17 |
| | E. s., Query to Central | 148.40 |
| | N. e. cor. Central | 34.65 |
| | S. e. cor. Central | 29.17 |
| | E. s., Bates to Central | 12.00 |
| | E. s., Central to Shaw | 163.00 |
| | E. s., Shaw to Clifford | 143.50 |
| | E. s., Clifford to Princeton | 129.65 |
| | E. s., Princeton to Irvington | 115.00 |
| | E. s., Irvington to Brooklawn | 700.00 |
| | N. e. cor. Brooklawn | 25.00 |
| | W. s., Brooklawn to Wood | 413.42 |
| | S. e. cor. Wood | 35.90 |
| | E. s., Irvington to Wood | 726.30 |
| | Irvington to Park Ave. | 59.00 |
| Athol | S. s., Highland to Richmond | 40.62 |
| | S. e. cor. Richmond | 19.17 |
| Austin | N. s., Bullock to Shawmut Ave. | 144.20 |
| | N. e. cor. Bullock | 15.82 |
| | S. e. cor. Bullock | 15.17 |
| | S. s., Cottage to Cedar | 58.00 |
| | N. w. cor. Richmond | 8.34 |
| | B. s., Cedar to Richmond | 241.00 |

CURBING—NEW—Continued

| Street | Location | Length ft. |
|-----------------|--------------------------------------|------------|
| Bedford | B. s., Palmer to Reed | 693.70 |
| Belleville Ave. | W. s., Mazeppa to Grainer | 5.50 |
| | W. s., Humphrey to Mazeppa | 4.00 |
| | E. s., Harwich to Tarkiln Hill Rd. | 148.00 |
| | N. e. cor. Harwich | 25.00 |
| | S. e. cor. Harwich | 25.00 |
| | E. s., s. Harwich | 72.56 |
| | N. w. cor. Mazeppa | |
| | S. w. cor. Mazeppa | 50.50 |
| Belleville Rd. | N. s., Acushnet Ave. to Ashley Blvd. | 54.65 |
| Bolton | E. s., Thompson to Rockland | 492.10 |
| Bourne | B. s., Spooner to Thompson | 314.30 |
| | N. e. & n. w. cor. Spooner | 32.45 |
| | B. s., Thompson to Bolton | 282.30 |
| Briggs | E. s., Thompson to Rockland | 418.25 |
| | B. s., Rockland to Fair | 228.17 |
| Brightman | E. s., Sylvia to Wood | 259.00 |
| Brock Ave. | W. s., Emery to Emma | 11.56 |
| Brownell | B. s., Grape to Allen | 333.00 |
| Carlisle | S. s., Ashley Blvd. to Rochambeau | 229.33 |
| Cedar Grove | N. e. cor. Myrtle | 16.33 |
| | N. w. cor. Reynolds | 18.50 |
| | N. s., Reynolds to Myrtle | 282.75 |
| Chancery | W. s., Clinton to Arnold | 34.25 |
| | W. s., Willis to Parker | 102.25 |
| | E. s., Parker to Tilton | 408.05 |
| | N. e. cor. Robeson | 15.92 |
| Chestnut | W. s., North to Hillman | 3.75 |
| Church | N. e. cor. Brockton | 25.00 |
| | B. s., Brockton to Lynn | 12.56 |
| | N. e. & n. w. cors. Shaw | 56.66 |
| | B. s., Tarkiln Hill Rd. to Brockton | 29.67 |
| | S. e. cor. Tarkiln Hill Rd. | 73.10 |
| City Yard | | |
| City Yard | | |
| Driveway | | 242.64 |
| Clara | B. s., Rodney French B. to Cleveland | 2,264.48 |
| | N. e. & s. e. cor. Cleveland | 40.00 |
| Cleveland | E. s., Butler to Clara | 152.10 |
| | W. s., Butler to Clara | 110.03 |
| | B. s., Clara to Norman | 311.20 |
| | B. s., Norman to Frederick | 281.90 |
| | E. s., Frederick to Rodney | 404.50 |
| | W. s., Frederick to Rodney | 497.50 |
| Clinton | S. s., Brownell to Rotch | 45.25 |
| | S. s., Rounds to Reed | 10.00 |
| Clinton Place | B. s. | 255.26 |
| Coggeshall | N. s., Myrtle to Summer | 63.64 |

STREET DEPARTMENT

25 w

CURBING—NEW—Continued

| Street | Location | Length ft. |
|------------|-------------------------------------|------------|
| Coggeshall | N. w. cor. Summer | 16.17 |
| Conduit | B. s., Park to Wood | 645.42 |
| Cook | W. s., Kempton to Mill | 7.25 |
| Cottage | W. s., Arnold to Union | 15.00 |
| Cotter | B. s., Cedar Grove to Coggeshall | 108.50 |
| County | W. s., Linden to Weld | 41.17 |
| | B. s., Weld to Clark | 84.75 |
| | B. s., Clark to Penniman | 93.48 |
| | W. s., Clark to Penniman | 1.83 |
| | W. s., Penniman to Cedar Grove | 117.25 |
| | E. s., Cedar Grove to Peckham | 266.00 |
| | N. w. cor. Peckham | 15.45 |
| | W. s., Coggeshall to Adams | 46.75 |
| | W. s., Adams to Sawyer | 71.00 |
| County | S. w. cor. Sawyer | 17.42 |
| | E. s., s. Adams | 1.50 |
| | E. s., School to Spring | 12.00 |
| Crapo | B. s., Jouvette to Nelson | 312.92 |
| | W. s., Jouvette to Winsor | 438.00 |
| | B. s., Mosher to Winsor | 278.05 |
| | W. s., Katherine to Winsor | 138.55 |
| | E. s., Jouvette to Division | 151.42 |
| Davis | B. s., No. Front to Acushnet Ave. | 563.25 |
| | B. s., Brook to Church | 750.90 |
| | N. w. & s. w. cor. Brook | 38.15 |
| | S. s., Belleville Ave. to No. Front | 573.00 |
| DeWolf | B. s., Mt. Vernon to Potter | 529.75 |
| | N. e. cor. Mt. Vernon | 14.08 |
| Earle | B. s., No. Front to Acushnet Ave. | 568.14 |
| Elizabeth | N. s., West to Brigham | 244.64 |
| Elm | N. w. & s. w. cors. Emerson | 31.20 |
| Emma | S. s., Brock Ave. to Freeman | 4.00 |
| Emerson | B. s., Sycamore to Smith | 442.75 |
| Fair | S. s., County to Hall | 331.90 |
| | S. s., Hall to Crapo | 95.80 |
| | S. s., Orchard to Briggs | 191.00 |
| | S. s., Briggs to Bolton | 175.67 |
| | S. e. cor. Briggs | 21.92 |
| | N. e. & s. e. cor. Bolton | 37.33 |
| | N. s., Orchard to Bolton | 69.75 |
| Fairhaven | | |
| Bridge | S. s. | 26.02 |
| Farm | S. s., Brigham to Brownell | 52.00 |
| Field | B. s., Grape to Allen | 562.00 |
| Grape | N. s., Winter to Brownell | 3.50 |

CURBING—NEW—Continued

| Street | Location | Length ft. |
|-----------------|---|------------|
| Grape | N. e. cor. Brownell | 9.33 |
| Grinnell | S. s., Acushnet Ave. to Second | 5.85 |
| | S. s., County to Bonney | 3.17 |
| Hawthorn | N. s., Orchard to County | 5.00 |
| | S. s., Whittier to Burns | 5.95 |
| | S. s., Whittier to Brownell | 61.25 |
| | S. s., Rockdale Ave. to Whittier | 196.00 |
| Hazard | S. s., County to Summer | 333.00 |
| Highland | B. s., Durfee to Mt. Vernon | 1,283.00 |
| Hill | E. s., Hillman to Maxfield | 8.50 |
| Irving | W s., Hawthorn to Maple | 8.85 |
| Jenny Lind | E s., Hillman to Milton | 317.00 |
| | S. e. cor. Milton | 14.80 |
| | N. e. cor. Hillman | 18.75 |
| | W. s., Lexington to Fairmount | 90.00 |
| | N. w. cor. Lexington | 25.40 |
| King | B. s., Central to Shaw | 428.00 |
| King's Highway | E. s., Mt. Pleasant to Tarkiln Hill Rd. | 15.65 |
| Kempton | S. s., Jenny Lind to Oneida | 42.17 |
| Lexington | N. s., Rockdale Ave. to Jenny Lind | 97.82 |
| | From Jenny Lind west | 69.00 |
| | S. w. cor. Jenny Lind | 24.00 |
| Liberty | N. e. cor. Smith | 40.75 |
| | S. w. cor. Smith | 21.00 |
| | S. e. & s. w. cor. Parker | 63.41 |
| | B. s., Smith to Parker | 1,656.33 |
| Locust | S. s., Homer to Cedar | 30.50 |
| Lombard | E. s., Rockland north | 225.32 |
| Lowell | B. s., n. Tarkiln Hill Rd. | 14.50 |
| Madison | N. s., First to Second | 14.92 |
| Maxfield | S. s., Second to Acushnet Ave. | 8.50 |
| | N. s., Park to Liberty | 13.60 |
| | N. w. cor. Park | 18.80 |
| | S. s., Ash to Chancery | 24.34 |
| Merrimac | B. s., R. R. to Purchase | 267.90 |
| | N. e. & s. e. cor. Purchase | 25.02 |
| Middle | N. s., Florence to Rounds | 214.90 |
| Mill Rd. | S. e. cor. Belleville Ave. | 25.92 |
| Belleville Ave. | S. e. cor. Mill Rd. | 53.17 |
| Mill Rd. | S. w. cor. Belleville Ave. | 3.90 |
| Mill St. | N. s., Cottage to Cedar | 18.65 |
| | B. s., Acushnet Ave. to Purchase | 360.92 |
| | N. w. & s. w. cor. Acushnet Ave. | 15.60 |

STREET DEPARTMENT

27 w

CURBING—NEW—Continued

| Street | Location | Length ft. |
|---------------|--------------------------------------|------------|
| Morgan | B. s. Chancery to Park | 223.00 |
| Morgan's Lane | B. s., Water to Second | 347.50 |
| | N. e. cor. Second | 15.60 |
| Mott | S. s., Rodney French B. to Cleveland | 199.85 |
| | B. s., Cleveland to Brock Ave. | 216.87 |
| Mt. Vernon | N. s., Mt. Pleasant to Highland | 19.58 |
| | B. s., DeWolf to Shawmut Ave. | 638.90 |
| Nemasket | N. s., e. Rockdale Ave. | 75.00 |
| North | S. s., Liberty to James | 172.64 |
| | N. s., Liberty to Tremont | 176.00 |
| | N. s., Tremont to James | 173.42 |
| | N. s., James to Lindsey | 161.75 |
| | N. e. & n. w. cor. Tremont | 31.50 |
| | N. e. & n. w. cor. James | 31.50 |
| | N. e. & n. w. cor. Lindsey | 31.50 |
| | S. e. & s. w. cor. Lindsey | 38.00 |
| | S. s., James to Lindsey | 165.82 |
| | B. s., Lindsey to Jenney | 377.82 |
| | B. s., Jenney to Florence | 325.92 |
| | S. s., Florence to Hunter | 90.45 |
| | B. s., Florence to Hunter | 312.00 |
| | S. s., Hunter to Beech | 230.00 |
| | B. s., Beech to Summit | 360.50 |
| | B. s., Summit to Rockdale Ave. | 377.58 |
| | B. s., Rockdale Ave. to Jenny Lind | 1,049.74 |
| | B. s., Jenny Lind to Watson | 156.83 |
| Oak | W. s., Dartmouth to Grape | 474.00 |
| | E. s., Dartmouth to Harrison | 130.00 |
| | E. s., Harrison to Clay | 145.00 |
| | N. e. & s. e. cor. Harrison | 31.20 |
| | N. w. & s. w. cor. Oak St. Ct. | 25.02 |
| | N. e. cor. Clay | 15.60 |
| Ohio | B. s., Acushnet Ave. to Conduit | 297.50 |
| | N. e. & s. e. cor. Conduit | 51.40 |
| Oneida | N. w. cor. Lake | 25.00 |
| | W. s., Lake to Kempton | 76.00 |
| Orchard | B. s., Thompson to Rockland | 623.81 |
| | B. s., Rockland to Fair | 381.34 |
| | N. e. cor. Thompson | 19.50 |
| | W. s., Fair to Washington | 4.65 |
| | B. s., Rockdale Ave. north | 13.00 |
| Page | B. s., Grape to Allen | 525.80 |
| | N. e. cor. Allen | 15.60 |
| | E. s., Allen to Bedford | 368.00 |
| | W. s., Allen to Taber | 176.02 |
| | W. s., Taber to Hawthorn | 110.63 |

CURBING—NEW—Continued

| Street | Location | Length ft. |
|---------------|--------------------------------------|------------|
| Page | E. s., Bedford to Morelands Ter. | 44.25 |
| | E. s., Morelands Terrace to Hawthorn | 116.83 |
| Parker | S. s., Park to Liberty | 63.15 |
| Pleasant | N. e. cor. Mill | 15.82 |
| | W. s., Madison to Walnut | 9.17 |
| | W. s., Walnut to School | 11.17 |
| Pope | N. s., State to County | 7.17 |
| Prescott | E. s., n. Tarkiln Hill Rd. | 5.00 |
| Query | B. s., Conduit to Acushnet Ave. | 857.50 |
| | B. s., Acushnet Ave. to Arlington | 831.52 |
| | N. s., Concord to Arlington | 328.82 |
| | B. s., Arlington to Ashley Blvd. | 823.50 |
| | N. s., Ashley Blvd. to Brook | 146.15 |
| Richmond | E. s., Mt. Vernon to Athol | 81.62 |
| Rivet | N. e. cor. Purchase | 20.00 |
| Robeson | B. s., Richmond to Shawmut Ave. | 406.90 |
| | B. s., Shawmut Ave. to Chancery | 429.73 |
| | N. s., Chancery to Caroline | 188.00 |
| | N. w. & s. e. cor. Chancery | 32.60 |
| Rockdale Ave. | E. s. Nemasket to Macomber | 50.50 |
| | N. w. cor. Nemasket | 21.00 |
| | E. s., Bedford to Ryan | 148.55 |
| | W. s., Rogers to Grant | 34.92 |
| | W. s., Grant to Lexington | 190.50 |
| | W. s., Lexington to Fairmount | 194.33 |
| | W. s., n. Fairmount | 361.58 |
| Rockland | N. s., Hemlock to Lombard | 46.50 |
| | B. s., Bonney to Orchard | 251.00 |
| | B. s., Orchard to Briggs | 337.37 |
| | B. s., Briggs to Bolton | 192.95 |
| | S. e. cor. Bonney | 23.75 |
| | S. w. cor. Orchard | 14.17 |
| | N. e. cor. Orchard | 14.00 |
| | N. w. cor. Orchard | 23.75 |
| | N. s., Hemlock to Lombard | 117.25 |
| | N. s., Lombard to Dartmouth | 234.25 |
| | S. e. cor. Bolton | 4.17 |
| Roosevelt | B. s., David to Ruth | 948.67 |
| Rounds | E. s., Hawthorn to Maple | 133.50 |
| Ruth | B. s., Rodney French B. to Cleveland | 762.98 |
| | N. e. cor. Abbott | 21.00 |
| | N. s., Rodney French B. to Abbott | 167.85 |
| Ryan | S. s., Reed to Rockdale Ave. | 168.50 |
| | N. s., Rockdale Ave. to Whittier | 116.33 |
| Sawyer | B. s., County to Reynolds | 810.00 |

STREET DEPARTMENT

29 w

CURBING—NEW—Continued

| Street | Location | Length ft. |
|-----------------|-------------------------------------|------------|
| Sawyer | N. w. cor. County | 18.17 |
| | B. s., Reynolds to Myrtle | 750.00 |
| | N. e. & n. w. cor. Reynolds | 38.25 |
| | B. s., Myrtle to Summer | 667.30 |
| | B. s., Summer to Mt. Pleasant | 456.82 |
| Seventh | W. s., Madison to Walnut | 21.00 |
| | W. s., Spring to Union | 5.00 |
| Shaw | B. s., Church to King | 245.95 |
| | N. w. cor. King | 27.25 |
| | S. e. cor. King | 26.00 |
| | S. w. cor. Church | 17.92 |
| Shawmut Ave. | E. s., Parker to Locust | 4.00 |
| Sherman | S. s., County to Bonney | 6.92 |
| Short | B. s., Grape to Allen | 393.25 |
| Smith | B. s., Liberty to Flagg | 237.89 |
| | S. e. cor. Flagg | 25.00 |
| | N. w. cor. Liberty | 166.12 |
| | N. s., w. Shawmut Ave. | 6.17 |
| | B. s., Walden to County | 29.50 |
| Somerset | W. s., n. Wood | 92.00 |
| Sowle | W. s., Park to Wood | 61.75 |
| Summer | W. s., Sawyer to Garfield | 178.65 |
| | W. s., Garfield to Buchanan | 172.17 |
| | E. s., Sawyer to Buchanan | 317.52 |
| | N. e. cor. Sawyer | 18.80 |
| | B. s., Chancery to Park | 157.00 |
| Sycamore | B. s., Ash to Emerson | 82.50 |
| Tarkiln Hill Rd | S. s., River Rd. to Belleville Ave. | 9.00 |
| | N. s., Pine Grove to Ashley Blvd. | 186.00 |
| | N. s., Pine Grove to Ashley Blvd. | 75.00 |
| | N. e. & s. e. cors. Ashley Blvd. | 69.34 |
| | B. s., Ashley Blvd. to Mary | 303.17 |
| | S. s., w. of Mary | 6.75 |
| | S. e. & s. w. cor. Mary | 42.00 |
| | S. s., Mary to Hawes | 340.63 |
| | S. s., w. of Alice | 3.60 |
| | S. e. & s. w. cor. Alice | 10.40 |
| | N. e., s. e. & n. w. cor. Hawes | 47.30 |
| | N. s., Lowell to Lawrence | 103.42 |
| | N. s., w. of Lawrence | 3.50 |
| | N. s., Lowell to Hawes | 6.00 |
| | N. e. & n. w. cor. Lowell | 42.00 |
| | N. s., Lawrence to Hawes | 170.85 |
| | N. e. & n. w. cor. Lawrence | 42.00 |
| | N. w. & s. w. cor. Church | 63.07 |
| Thompson | S. s., County to Hall | 8.42 |
| | S. s., Hall to Crapo | 6.42 |
| | B. s., Orchard to Briggs | 275.92 |

CURBING—NEW—Continued

| Street | Location | Length ft. |
|------------|--------------------------------------|-----------------|
| Thompson | N. e. cor. Briggs | 12.50 |
| Tinkham | S. s., N. Front to Acushnet Ave. | 100.00 |
| Trinity | B. s., Bullock to Shawmut Ave. | 497.90 |
| Union | N. e. cor. Ash | 18.00 |
| Walden | E. s., Sycamore to Smith | 132.33 |
| Walnut | S. s., First to Second | 14.00 |
| Washington | N. s., County to Crapo | 14.00 |
| Water | High to North | 8.34 |
| | W. s., Morgan's Lane to Cannon | 1.00 |
| | S. w. cor. Middle | 15.95 |
| Weld | S. e. cor. Pleasant | 32.00 |
| West | W. s., n. Elizabeth | 102.00 |
| Whitman | B. s., Acushnet Ave. to Ashley Blvd. | 348.14 |
| Willis | S. s., Purchase to Pleasant | 25.00 |
| Willow | N. s., Richmond to Bullock | 60.33 |
| | N. e. cor. Bullock | 15.75 |
| | S. s., Richmond to Shawmut Ave. | 26.33 |
| | | <hr/> 58,672.52 |

Total cost of new curb \$110,006.11

Cost per foot including curbing and laying \$1.87

GRANOLITHIC
Petitioned

| Street | Location | Area Sq. Yds. 4 in. | Area Sq. Yds. 6 in. |
|---------------|----------------------------------|---------------------------|---------------------------|
| Acushnet Ave. | No. 47-49 s. of Rivet | 64.09 | |
| | W. s., s. of Rivet | 19.99 | 14.30 |
| | No. 2243 s. of Ohio | 31.85 | 10.04 |
| | S. of Grinnell (School) | 115.83 | |
| | N. e. cor. Abrams | 60.83 | |
| Adams | No. 84 e. of Summer | 0.42 | 5.63 |
| | No. 88 e. of Summer | 42.35 | 3.68 |
| | W. of County | 1.20 | 12.97 |
| Armour | No. 8 n. of Arnold | 23.09 | 8.90 |
| Arnold | No. 138-140-42 s. e. cor. Ash | 67.35 | |
| Arnold Place | No. 16 n. of Arnold | 94.13 | |
| Ashley Blvd. | W. s. Glennon to Query | 47.69 | 47.67 |
| Athol | S. e. cor. Richmond | 26.06 | |
| Briggs | N. w. cor. Rockland | 5.28 | 14.96 |
| Brock Ave. | S. w. cor. Emery | 58.37 | |
| Bullock | N. e. cor. Willow | 50.26 | |
| Carroll | No. 84 | 1.11 | 3.55 |
| | No. 113 w. of Brownell | 21.88 | 8.72 |
| Chancery | W. s. s. of Arnold | 34.43 | 8.95 |
| | No. 460 s. of Tilton | 17.75 | |
| | No. 411 s. of Parker | 24.90 | |
| Clinton Place | Around the circle | 165.32 | |
| Clinton St. | No. 364 e. of Brownell | 24.56 | |
| | No. 430 e. of Reed | 5.47 | |
| County | No. 710 s. e. cor. Pope | 56.53 | |
| Court | S. s. Cottage to Ash | 3.63 | 32.05 |
| Collette | No. 130-34 e. of Front | 3.29 | 9.12 |
| Fair | S. w. cor. County | 287.66 | 25.04 |
| Fielding | No. 26-28 s. of Wood | 6.14 | 9.22 |
| Highland | No. 71 s. of Mt. Vernon | 21.90 | 9.53 |
| Kempton | N. w. cor. County | 50.89 | 8.75 |
| Lexington | No. 21 w. of Rockdale Ave. | 57.66 | 16.20 |
| Locust | No. 61 s. of Cottage | 26.47 | |
| Lombard | No. 96 n. of Rockland | 27.80 | |
| | No. 100 n. of Rockland | 22.55 | 8.48 |
| | No. 108 n. of Rockland | 27.75 | |
| | No. 104 n. of Rockland | 22.66 | 8.38 |
| | E. s. n. of Rockland | 3.14 | |
| | N. e. cor. Rockland | 45.15 | 8.36 |

GRANOLITHIC—Continued

| Street | Location | Area Sq. Yds. 4 in. | Area Sq. Yds. 6 in. |
|-----------|---|---------------------------|---------------------------|
| Maxfield | City Garage | 10.75 | 15.42 |
| Mill | N. e. cor. Pleasant | 16.85 | 27.35 |
| | No. 333 w. of Liberty | 30.30 | 12.81 |
| Middle | S. w. cor. Water | 21.61 | 74.84 |
| Oak | No. 96 s. of Allen | 21.76 | 8.20 |
| Park | No. 69 n. of Arnold | 25.30 | |
| Pleasant | N. e. cor. Mill | 15.92 | 44.84 |
| | E. s. n. of Mill | 24.49 | 8.77 |
| Query | No. 241 w. of Ashley Blvd. | 29.06 | |
| Reynolds | No. 109 cor. Cedar Grove | 22.56 | |
| Richmond | S. e. cor. Athol | 55.92 | |
| Rivet | N. e. cor. Purchase | 127.96 | |
| Rockland | No. 201 n. e. cor. Lombard | 26.66 | |
| Roosevelt | S. w. cor. Ruth | 65.58 | |
| | W. s. s. of Ruth | 39.38 | 14.00 |
| | W. s. s. of Ruth | 40.61 | 13.49 |
| Sawyer | No. 436 e. of Reynolds | 41.17 | |
| Somerset | N. w. cor. Wood | 45.28 | 18.43 |
| Union | *No. 34-38 s. s. w. of Front | 38.89 | |
| | No. 271 w. of Sixth | 53.86 | |
| | N. e. cor. Ash | 363.63 | 9.20 |
| | No. 93-95 w. of Johnny Cake Hill | 34.52 | |
| | No. 337 n. s. e. of Cottage | 39.18 | 9.35 |
| | *No. 24-26-28-42-44-46-48- 52-54-56-58 | 216.82 | |
| Willow | No. 94 w. of Richmond | 16.93 | 8.87 |
| | N. e. cor. Bullock | 40.13 | 10.30 |
| | | 3,132.55 | 550.37 |

* Chgd. to Union St. widening

Nov. 1927 Bill Held Back For Defective Work.

Robeson—126.00 sq. yds. \$315.00

Union w. of County—142.00 sq. yds. 355.00

\$670.00

STREET DEPARTMENT

33 w

GRANOLITHIC

Assessed Walks

| Street | Location | Area Sq. Yds. 4 in. | Area Sq. Yds. 6 in. |
|----------------|------------------------------------|---------------------------|---------------------------|
| Allen | B. s. Brigham to w. of Brownell | 297.33 | 64.82 |
| Bedford | N. s. w. of Palmer | 19.70 | 9.86 |
| | N. w. cor. Reed | 82.66 | 19.35 |
| Belleville Rd. | N. s. e. of Ashley Blvd. | 37.57 | |
| Brooklawn | N. w. cor. Sowle | 80.08 | 18.46 |
| Brownell | S. of Allen | 195.24 | 46.87 |
| Calumet | S. s. | 30.18 | 11.80 |
| Carroll | S. s. w. of Rockdale Ave. | 52.29 | 18.26 |
| Cedar Grove | N. s. Reynolds to Myrtle | 197.30 | 9.83 |
| Chancery | W. s. s. of Parker | 20.61 | 6.90 |
| Cottage | E. s. n. of Locust | 76.08 | |
| Davis | Brook to Church | 253.50 | 49.61 |
| Earle | S. s. Front to Acushnet Ave. | 312.77 | 34.78 |
| | S. s. Front to Acushnet Ave. | 355.93 | 63.68 |
| Elizabeth | N. s. | 71.90 | 20.02 |
| Jenny Lind | N. w. cor. Lexington | 104.51 | 9.82 |
| | E. s. Hillman to Milton | 236.82 | 45.43 |
| Lake | N. w. cor. Oneida | 92.22 | |
| Locust | N. s. e. of Cottage | 23.32 | |
| Maxfield | N. s. Park to Liberty | 247.61 | 33.24 |
| Middle | N. s. Florence to Rounds | 103.28 | 16.52 |
| Mill | N. s. Newton St. westerly | 60.42 | |
| | Liberty to James | 37.64 | |
| Morgan | S. s. Chancery, westerly | 52.72 | 20.26 |
| Mt. Pleasant | N. of Durfee | 21.43 | 8.87 |
| Newton | W. s. n. of Mill | 59.05 | 7.17 |
| Query | N. s. w. of Ashley Blvd. | 27.65 | 11.34 |
| | N. w. cor. Ashley Blvd. | 59.08 | 16.92 |
| | B. s. Conduit to Ashley Blvd. | 1,532.13 | 179.89 |
| Rockdale Ave. | And Nemasket | 77.77 | 14.54 |
| | Ryan to Bedford | 258.79 | 50.56 |
| Ryan | | 71.80 | 28.29 |
| Sawyer | N. e. cor. Summer | 215.53 | 70.93 |
| Shawmut Ave. | B. s. Willis to Parker | 460.00 | 15.52 |

GRANOLITHIC

Assessed Walks—Continued

| Street | Location | Area Sq. Yds. 4 in. | Area Sq. Yds. 6 in. |
|------------------------------------|-----------------------------------|---------------------------|---------------------------|
| Summer) Coggeshall) Summer | Both corners E. s. n. of Adams | 147.01 42.23 | 10.44 |
| Tinkham | S. s. Acushnet Ave. to Front | 302.94 | 59.10 |
| Union | S. e. cor. Tremont | 75.95 | |
| West and Elizabeth | | 123.37 | |
| | | 6,516.41 | 973.08 |

Contracted Bill—For Laying Granolithic Walks:

| | | |
|-----------------------------------|-------------------|------------|
| Assessed —4 inch thickness | 6,516.41 sq. yds. | \$7,559.03 |
| Petitioned—4 inch thickness | 3,132.55 sq. yds. | 3,633.76 |
| 6 inch thickness | 1,523.45 sq. yds. | 2,117.61 |

11,172.41 sq. yds. \$13,310.40

| | |
|---|-----------|
| Alteration of curbing in connection with walks | 632.27 |
| Grading—between curb and granolithic | 409.53 |
| Labor — Excavating — Preparing Foundation, Tools and Supervision | 18,872.79 |
| 1927 bill held out for defective work, replaced | 670.00 |

Total Cost \$33,894.99

Average cost per square yard (including contract price)

| | |
|------------------|--------|
| 4 inch thickness | \$2.84 |
| 6 inch thickness | \$3.07 |

Contract price for laying per square yard

| | |
|------------------|--------|
| 4 inch thickness | \$1.16 |
| 6 inch thickness | \$1.39 |

STREET DEPARTMENT

35 W

BITULITHIC PAVEMENT

| Street | Location | Full Depth Sq. Yds. | Skim Coat Sq. Yds. | Labor | Material & Rolling | Construction Bill | Total Cost |
|--|---|--------------------------------|-----------------------|--|--|----------------------------------|---|
| *Acushnet Ave. Ashley Blvd. *Brock Ave. | Cedar Grove to Coggeshall Glennon to Wood Rodney French Blvd. W. to Mott St. | 1,102.72 10,566.55 | 7.58 2,064.20 | \$279.44 8,120.62 | \$52.00 11,970.94 | \$3,259.60 23,602.77 | \$3,591.04 43,694.33 |
| *Kempton Nash Rd. **Rochambeau **Carlisle | Jenny Lind to Town Line East of Mt. Pleasant Carlisle to Brooklawn Ave. Ashley Blvd. to Rochambeau | 3,865.65 4,498.71 627.27 | 4.31 205.68 | 263.26 4,188.76 613.63 2,370.01 417.66 | 1.50 2,118.35 672.74 3,436.76 536.68 | 7,760.41 9,515.49 1,513.39 | 8,025.17 15,822.60 2,799.76 5,806.77 954.34 |
| | | 20,660.90 | 2,281.77 | \$16,253.38 | \$18,788.97 | \$45,651.66 | \$80,694.01 |

* Includes binder

** Unfinished

Contract price per sq. yd. \$1.97

Skim coat, price per sq. yd. \$1.35

HIGHWAY IMPROVEMENT

| Curbing | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 |
|------------------------------|-------------|-------------|--------------|--------------|--------------|--------------|
| Length, | 30,157.6 | 35,844.9 | 60,786.91 | 81,442.69 | 54,499.63 | 58,672.52 |
| Cost, | \$82,885.24 | \$71,310.50 | \$120,909.04 | \$160,319.40 | \$101,286.03 | \$110,006.11 |
| Cost per foot, | 2.26 | 2.03 | 2.11 | 1.98 | 1.83 | 1.87 |
| Cost per foot of stone, | 1.35 | 1.34 | 1.30 | 1.15 | 1.11 | 1.12 |
| Total cost of curbing relaid | 5,705.43 | 9,003.98 | 7,077.31 | 8,723.16 | 6,721.28 | 3,991.11 |

BITUMINOUS GRAVEL STREETS

Grading and Bituminous Base

| Street | Location | Sq. Yds. | Cost |
|------------|--------------------------------------|----------|-------------|
| Jenny Lind | Grant to Fairmount | 1,571.08 | \$6,120.09 |
| *Bellevue | Brock Ave. to Rodney French Blvd. | 1,432.00 | 1,966.46 |
| Oneida | Lake to Kempton | 1,731.73 | 6,154.14 |
| *Orleans | Tarkiln Hill Rd. to Harwich | 1,625.21 | 3,986.05 |
| *Princeton | Brook to Church | 1,649.16 | 2,670.29 |
| | | 8,009.18 | \$20,897.03 |

* \$8,622.80 Dr. to Highways

| Street | Location | Sq. Yds. | Cost of Bit. Macadam | Cost of Grading | Total |
|-----------------------|--|-----------|----------------------|-----------------|--------------|
| Apponagansett | Rodney French Blvd. W. to Fern | 3,697.86 | \$5,322.74 | \$2,695.12 | \$8,017.86 |
| Ark Lane | East of Water St. | 568.27 | 569.98 | 154.38 | 724.36 |
| Austin Ct. | Hazard to Austin | 725.76 | 1,304.54 | 291.19 | 1,595.73 |
| Bedford | Palmer to Rockdale Ave. | 2,159.97 | 2,876.53 | 726.81 | 3,603.34 |
| Belleville Ave. | Tarklin Hill Rd. to Mill Rd. | 5,271.63 | 9,741.36 | 6,260.66 | 16,002.02 |
| Bourne | Spooner to Fruit | 1,712.04 | 1,677.87 | 947.19 | 2,625.06 |
| Brightman | Sylvia to Wood | 919.55 | 1,204.75 | 111.87 | 1,316.62 |
| **Brownell | Grape to Allen | 757.44 | 1,345.58 | 989.49 | 2,335.07 |
| Brock Ave. | Rodman Ave. to Victory Park | 3,349.76 | 4,895.52 | 6,808.92 | 11,704.44 |
| Church | Shaw to Tarklin Hill Rd. | 11,023.14 | 18,620.66 | 5,693.08 | 24,313.74 |
| Church | Tarklin Hill Rd. to Lynn | 6,198.70 | 12,299.94 | 10,226.41 | 22,526.35 |
| Cleveland | Frederick to Rodney | 2,130.70 | 3,704.93 | 2,681.23 | 6,386.16 |
| Cotter | Cedar Grove to Coggeshall | 1,002.67 | 1,577.70 | 700.17 | 2,277.87 |
| *Emerson | Court to Kempton (including Elm St.-Emerson to Chancery) | 2,689.91 | 3,854.55 | 1,757.94 | 5,612.49 |
| Emerson | Sycamore to Smith | 645.31 | 2,094.17 | 621.08 | 2,715.25 |
| *Frederick | Rodney French Blvd. W. to Brock Ave. | 4,444.53 | 6,698.32 | 444.98 | 7,143.30 |
| Hazard Ct. | Hazard to Austin | 742.46 | 1,293.78 | 413.26 | 1,707.04 |
| King | Central to Shaw | 675.23 | 1,375.29 | 336.47 | 1,711.76 |
| Liberty | Maxfield to Parker | 5,460.64 | 9,853.33 | 3,863.91 | 13,717.24 |
| *Locust | County to Cedar | 1,405.79 | 1,841.93 | 800.48 | 2,642.41 |
| Morgan's Lane | Second to Water | 643.82 | 1,035.05 | 607.91 | 1,642.96 |
| Nemasket | Summit to Rockdale Ave. | 301.03 | 300.95 | 208.25 | 509.20 |
| Ohio | Acushnet Ave. westerly | 691.76 | 1,673.23 | 483.38 | 2,156.61 |
| Page | Allen to Bedford | 1,532.16 | 2,985.05 | 5,222.83 | 8,207.88 |
| **Rockland | Briggs to Bolton | 1,067.84 | 2,011.82 | 684.65 | 1,010.14 |
| Ryan | Reed to Rockdale Ave. | 850.33 | 1,296.10 | 1,686.33 | 1,296.10 |
| ***Shaw | Church to King | 526.56 | 1,054.78 | 1,285.34 | 2,340.12 |
| Smith | Liberty to Flagg | 1,195.21 | 1,508.45 | 1,883.24 | 3,391.69 |
| Tarklin Hill Rd. | Metcalf to Church | 8,857.42 | 2,754.69 | 7,360.46 | 20,115.15 |
| **Wall | R. R. to Acushnet Ave. | 620.12 | 569.71 | 426.52 | 996.23 |
| Sundry | | | | | 398.06 |
| Supervision and Tools | | | | | 3,542.40 |
| | | 71,876.61 | \$117,343.30 | \$64,987.22 | \$185,970.98 |

* Includes 1,110.05 sq. yds. gutter

*** \$2,340.12 Special appropriation

STREET DEPARTMENT

39 W

BITUMINOUS MACADAM

Replacing Gutters

| Street | Location | Sq. Yds. | Cost |
|-----------------|----------------------------|----------|------------|
| Acushnet Ave. | Division to Rivet | 634.36 | \$1,351.24 |
| Adams | County to Mt. Pleasant | 1,098.33 | 2,559.36 |
| Arch | Arnold to Union | 403.88 | 980.84 |
| Austin | Summer to Shawmut Ave. | 1,073.82 | 2,290.93 |
| Bav | Columbia to Dartmouth | 643.54 | 1,273.69 |
| Belleville Ave. | Hathaway to Belleville Rd. | 228.19 | 1,758.27 |
| Bonney | Fair to Washington | 310.96 | 504.15 |
| Briggs | Rivet to Thompson | 784.31 | 1,756.43 |
| Buttonwood | Lake to Kempton | 493.16 | 1,010.54 |
| Calumet | Brock Ave. to Rodney | | |
| | French Blvd. | 630.29 | 1,113.85 |
| Chancery | Hawthorn to Arnold | 206.20 | 1,442.74 |
| | Parker to Robeson | 595.91 | 837.86 |
| Clara | Rodney French Blvd. to | | |
| | Cleveland | 952.89 | 4,306.94 |
| Clifford | Acushnet Ave. to Ashley | | |
| | Blvd. | 967.09 | 2,252.83 |
| Coggeshall | Bannister to Myrtle | 76.47 | 189.47 |
| Conduit | Park Ave. to Wood | 261.47 | 403.44 |
| County | Linden to Sawyer) | | |
| Linden | State to County) | 1,819.57 | 3,356.32 |
| Davis | Brook to Church | 298.97 | 639.17 |
| DeWolf | Mt. Vernon to Potter | 215.97 | 402.20 |
| Earle | Front to Acushnet Ave. | 350.10 | 684.79 |
| Ellen | Brock Ave. to Freeman | 229.12 | 676.05 |
| Fair | County to Crapo | 227.04 | |
| | Orchard to Bolton | 282.13 | 1,278.77 |
| Field | Grape to Allen | 283.66 | 929.28 |
| Grape | Oak to Field | 718.27 | 1,157.49 |
| Harmony | Social to Brock Ave. | 215.72 | 329.77 |
| Hawthorn | Rockdale Ave. to Whittier | 193.27 | 424.18 |
| Hazard | Pleasant to County | 456.89 | |
| | County to Summer | 346.85 | 2,302.73 |
| Highland | Durée to Mt. Vernon | 625.43 | 1,563.63 |
| Hussey | Lake to Kempton | 447.47 | 933.18 |
| Lincoln | Arnold to Union | 469.77 | 1,321.75 |
| Lucas | Brock Ave. to Rodney | | |
| | French Blvd. | 933.94 | 1,898.12 |
| McGurk | Ruth to Cove | 604.78 | 1,045.77 |
| Mill | Acushnet Ave. to Purchase | 162.90 | 358.40 |
| Morgan | Chancery to Park | 176.78 | 377.33 |

STREET DEPARTMENT

BITUMINOUS MACADAM

Replacing Gutters—Continued

| Street | Location | Sq. Yds. | Cost |
|---------------|-----------------------------------|------------|-------------|
| Mott | Rodney French Blvd. to Brock Ave. | 581.42 | 1,119.81 |
| Mt. Vernon | Mt. Pleasant to Shawmut Ave. | 1,239.29 | 2,002.61 |
| North | Liberty to Kempton | 2,520.66 | 5,115.46 |
| Norman | Cleveland to Brock Ave | 398.65 | 973.73 |
| Oak | Dartmouth to Allen | 642.45 | 1,843.73 |
| Orchard | Thompson to Fair | 609.16 | 991.82 |
| Page | Grape to Hawthorn | 1,109.50 | 1,969.66 |
| Query | Acushnet Ave. to Ashley Blvd. | 909.93 | 1,661.75 |
| Robeson | Richmond to Caroline | 470.30 | 1,152.04 |
| Rockdale Ave. | Rogers to n. of Parker | 365.19 | 770.68 |
| Rockland | County to Dartmouth | 1,251.19 | 3,998.57 |
| Roosevelt | Ruth to Cove | 934.38 | 1,649.74 |
| Rounds | Hawthorn to Maple | 198.43 | 383.00 |
| Ruth | Rodney French Blvd. to Brock Ave. | 1,312.71 | 2,749.42 |
| Sawyer | County to Mt. Pleasant | 1,196.93 | 3,526.85 |
| Seventh | Madison to School | 407.01 | 364.80 |
| Social | McGurk to Brock Ave. | 236.65 | 509.07 |
| State | Pope to Linden | 1,115.79 | 2,319.88 |
| | Pearl to Willis | 144.24 | 98.07 |
| | Hillman to Maxfield | 173.23 | 1,181.53 |
| Summer | Sawyer to Buchanan | 389.67 | 1,155.17 |
| Sycamore | Ash to Park | 539.50 | 661.30 |
| Taber | Page to West | 519.55 | 963.82 |
| Thompson | County to Bolton | 1,009.35 | 2,448.53 |
| Trinity | Bullock to Shawmut Ave. | 325.78 | 565.75 |
| Viall | Ruth to Cove | 584.50 | 1,227.85 |
| Vine | Durfee to Mt. Vernon | 645.00 | 1,551.69 |
| Ward | Harrison to Allen | 245.67 | 769.07 |
| Washington | County to Bonney | 558.97 | 1,317.59 |
| Welcome | McGurk to Brock Ave. | 246.58 | 541.61 |
| Whitman | Acushnet Ave. to Ashley Blvd. | 447.93 | 752.56 |
| Wing | Acushnet Ave. to County | 625.76 | 1,267.27 |
| Wood | Acushnet Ave. to Ashley Blvd. | 968.03 | 2,340.53 |
| | Moynan to Ashley Blvd. | 177.94 | 1,910.87 |
| | Supervision and tools | | 1,146.81 |
| | Miscellaneous | | |
| | | *41,520.84 | \$96,714.15 |

*1,110.05 sq. yds. in macadam

Total sq. yds. gutters 42,630.89

Average cost per sq. yd. including grading \$2.33

Bridges

BRIDGES

| | |
|---------------------|-------------|
| Appropriation | \$33,000.00 |
| Expenditures | 32,948.51 |
| Balance | \$51.49 |

New Bedford and Fairhaven Bridge.

Expenditures:

| | |
|--------------------------------|-------------|
| Operating draw and supervision | \$12,442.68 |
| Supplies | 374.22 |
| Sweeping | 1,315.22 |
| Accident | .92 |
| Telephone | 98.86 |
| Light and Power | 1,256.96 |
| Life Preservers | 29.53 |
| Snow removal | 117.54 |

Repairs to:

| | |
|-----------------------|----------|
| Roadway | 122.09 |
| Draw | 2,170.40 |
| Fence (contract work) | 5,532.21 |

\$23,460.63*

Coggeshall St. Bridge.

| | |
|-----------------|----------|
| Opening draw | \$207.53 |
| Repairs to draw | 236.63 |
| Replanking | 8,964.86 |
| Life preservers | 78.86 |

9,487.88**

\$32,948.51

*One fifth share to Town of Fairhaven \$4,692.13

**One fourth share to Town of Fairhaven \$2,371.97

**ANNUAL REPORT OF THE NEW BEDFORD AND
FAIRHAVEN DRAWBRIDGE**

Year Ending December 31, 1928.

| Month | Boats | Tugs | Barges | Schooners | Steamers | Craft | Openings | Tons |
|-------------|-------|------|--------|-----------|----------|-------|----------|---------|
| January | 0 | 134 | 11 | 0 | 20 | 165 | 127 | 25,400 |
| February | 7 | 110 | 13 | 2 | 27 | 159 | 125 | 27,350 |
| March | 6 | 100 | 10 | 2 | 31 | 149 | 107 | 47,875 |
| April | 93 | 96 | 15 | 0 | 17 | 221 | 180 | 13,900 |
| May | 181 | 140 | 35 | 0 | 14 | 370 | 279 | 19,125 |
| June | 138 | 122 | 17 | 0 | 12 | 289 | 235 | 22,325 |
| July | 170 | 86 | 6 | 0 | 15 | 277 | 240 | 14,200 |
| August | 137 | 147 | 45 | 2 | 33 | 364 | 271 | 17,475 |
| September | 110 | 111 | 37 | 2 | 17 | 277 | 209 | 12,925 |
| October | 157 | 110 | 24 | 2 | 25 | 318 | 234 | 29,500 |
| November | 60 | 145 | 31 | 0 | 21 | 257 | 187 | 30,000 |
| December | 46 | 164 | 28 | 0 | 24 | 262 | 185 | 37,775 |
| Total, 1928 | 1105 | 1465 | 272 | 10 | 256 | 3108 | 2379 | 297,850 |
| Total, 1927 | 985 | 1541 | 259 | 14 | 289 | 3088 | 2348 | 401,450 |

Sewers and Drains

SEWERS AND DRAINS

| | |
|---|-------------|
| Appropriation | \$27,000.00 |
| Receipts | 31,858.58 |
| Total | 58,858.58 |
| Expenditures | 51,890.73 |
| Balance | 6,967.85 |
| Transfers to Soldier's Relief account | 5,000.00 |
| Balance | \$1,967.85 |

GROSS EXPENDITURES

| | | |
|----------------------------------|------------|-------------|
| Auto truck | \$2,120.76 | |
| Charged out | 790.50 | |
| | | \$1,330.26 |
| Catch-basins, cleaned by hand | | 14,302.61 |
| Catch-basins, cleaned by machine | | 7,741.98 |
| Catch-basins, repaired | | 3,519.34 |
| Catch-basin drains, cleaned | | 82.34 |
| Catch-basin drains, repaired | | 582.09 |
| Culverts, new | | 122.15 |
| Culverts, cleaned | | 23.33 |
| Culverts, repaired | | 14.63 |
| Eyeholes, cleaned | | 22.38 |
| Eyeholes, repaired | | 161.78 |
| Eyehole drains, cleaned | | 10.50 |
| Manholes, cleaned | | 25.53 |
| Manholes, repaired | | 229.54 |
| Sewers, cleaned | | 383.88 |
| Sewers, repaired | | 127.37 |
| Carting and handling stock | | 302.37 |
| Surface drains, new | | 189.53 |
| Surface drains, cleaned | | 40.69 |
| Surface drains, repaired | | 51.82 |
| Drains, new | | 6,362.86 |
| Drains, repaired | | 1,858.32 |
| Drains, cleaned | | 1,144.56 |
| Drains, miscellaneous | | 237.50 |
| Supplies | 8,905.59 | |
| Charged out | 2,271.84 | |
| | | |
| Stock on hand | | 6,633.75 |
| Miscellaneous charges Dr. | | 6,389.62 |
| | | |
| | | \$51,890.73 |

**Sewer Construction
Account**

SEWERS

| Street | Location | Type of Construction | Length in Ft. | Size | Cost |
|----------------------------|------------------------------------|------------------------------------|---------------|----------------|-------------|
| Ashley Blvd. | Hersom to Park Ave. | Vit. Clay Pipe | 198 | 12"-18" | \$3,822.91 |
| Belleville Ave. | Belleville Rd. to South of Earle | C. I. Pipe | 1645 | 24" | 19,146.96 |
| Church St. | Tarkiln Hill Rd. to 10' n. of Lynn | Vit. Clay Pipe | 1966 | 8"-10"-12"-15" | 9,281.11 |
| *Jarry and Pine Grove Sts. | Caswell to Pine Grove | Seg. Block 57-48 Vit. Clay Pipe | 792 | 8"-10"-15"-18" | 14,296.51 |
| Oliver St. | Brockton to Church | Vit. Clay Pipe | 1290 | 8"-10" | 7,775.65 |
| Tarkiln Hill Rd. | 302' w. Rockdale Ave. w. 634' | Vit. Clay Pipe | 634 | 10"-12" | 3,154.14 |
| Plymouth St. | 35' n. Pitman | Vit. Clay Pipe | 395 | 8" | 1,498.58 |
| Shawmut Ave. | E. Line Ashley Blvd. to Hawes | Vit. Pipe | 878 | 10"-12" | 3,202.00 |
| Tarkiln Hill Rd. | Oliver St. easterly 365' | Vit. Pipe | 393 | 10"-12" | 2,195.04 |
| Tarkiln Hill Rd. | River Rd. easterly 140' | Vit. Pipe | 160 | 6" | 489.74 |
| *Truro St. | | | | | \$64,862.64 |

*Carried forward from 1927

NEW CATCH BASIN ACCOUNT

| | |
|-------------------------|------------|
| Appropriation | \$7,500.00 |
| Balance from 1927 | 154.58 |
| Receipts | 241.96 |
| <hr/> | |
| Total | \$7,896.54 |
| Expenditures | 7,795.93 |
| <hr/> | |
| Balance | \$100.61 |

EXPENDITURES

| | | |
|--------------------------|------------|------------|
| Catch Basins, New | \$5,121.81 | |
| Catch Basin Drains, New | 1,719.91 | |
| Catch Basin, Dry Well | 73.46 | |
| Eyeholes and Inlets, New | 252.00 | |
| Eyehole Drains, New | 75.99 | |
| Manholes, New | 552.76 | |
| <hr/> | | \$7,795.93 |

CATCH BASINS—NEW

| Street | Location | Cost |
|-----------------|-----------------------------------|------------|
| Acushnet Ave. | E. s., s. Braley Rd. | \$182.48 |
| | W. s., s. Braley Rd. | 202.53 |
| Allen | S. e. cor. Winter St. | 206.72 |
| Ashley Blvd. | E. s., s. Brooklawn St. | 179.88 |
| | E. s., s. Brooklawn Park Driveway | 190.74 |
| Belleville Ave | N. w. cor. Mazeppa St. | 188.29 |
| | S. w. cor. Mazeppa St. | 150.50 |
| Brock Ave. | N. e. cor. Dennis St. | 156.25 |
| Church | N. e. cor. Brockton St. | 189.84 |
| | E. s., bet. Brockton & Lynn Sts. | 185.93 |
| | W. s., bet. Brockton & Lynn Sts. | 178.82 |
| | S. w. cor. Shaw St. | 126.85 |
| | E. s., n. Tarkiln Hill Rd. | 193.80 |
| | W. s, n. Tarkiln Hill Rd. | 170.40 |
| Grape | N. e. cor. Brownell St. | 176.82 |
| Hawthorn | S. e. cor. Burns St. | 185.99 |
| Liberty | S. e. cor. Parker St. | 145.45 |
| | E. s., n. Smith St. | 132.33 |
| | W. s., n. Smith St. | 176.72 |
| | W. s., n. Smith (small) | 76.69 |
| Lowell | N. w. cor. Tarkiln Hill Rd. | 165.50 |
| Merrimac | Below Purchase St. | 176.04 |
| Robeson | N. e. cor. Chancery St. | 192.91 |
| Sawyer | N. s., w. County St. | 209.76 |
| Smith | N. s., w. Liberty St. | 175.23 |
| Tarkiln Hill Rd | N. w. cor. Lawrence St. | 187.01 |
| | N. e. cor. Prescott St. | 241.79 |
| | S. w. cor. Alice St. | 194.46 |
| Washington | S. s., w. County St. | 182.08 |
| | | \$5,121.81 |

Average cost per catch basin \$176.61

STREET DEPARTMENT

51 w

NEW EYEHOLEs AND INLETS—1928

| Street | Location | Cost |
|------------------|-----------------------------|----------|
| Church | N. e. cor. Tarkiln Hill Rd. | \$65.57 |
| Cornell Place | N. s., w. Ashley Blvd. | 83.56 |
| Sylvia | N. w. cor. Brightman St. | 63.55 |
| Tarkiln Hill Rd. | N. e. cor. Church St. | 39.32 |
| | | \$252.00 |

MANHOLES—NEW—1928

| Street | Location | Cost |
|----------|--------------------------|----------|
| Dennis | N. e. cor. Brock Ave. | \$86.03 |
| Marvin | Intersection Howard St. | 143.25 |
| Smith | Intersection Liberty St. | 57.79 |
| Sycamore | West of Chancery St. | 124.08 |
| Willis | Intersection Spencer St. | 141.61 |
| | | \$552.76 |

CONTRACTS AWARDED FOR CONSTRUCTION MATERIALS

| Material | Contractor | Amount Bought | Unit | Price |
|-----------------------------------|--|-----------------------------------|------------------------------------|---|
| Broken Stone Curbing | Blue Stone Quarry, Inc. Fay Quarries | 44,025 51,332 | Tons Lin. Ft. | \$2.88 1.12 |
| Gravel (Bank) (Graded) | Sullivan Granite & Constr. Co. N. & B. Crushed Stone & Gravel Co. | 2,996 3,120 15,082 4,076 | Lin. Ft. Lin. Ft. Ton Ton | 1.47 1.50 .68 1.64 1.34 .87 No. 1 No. 2 No. 4 |
| Patching Emulsion | Barber Asphalt Co. | 12,612 | Gal. | .18 Tank Load |
| Road Oil—Asphaltic | Highway Products Co. | 378,500 | Gal. | .141 Tank Car Lots |
| Refined Tar | Tar Products Corporation | 11,010 | Gal. | .13 Applied |
| Sand | Sullivan Granite & Constr. Co. | 5,282 | Ton | .12 Applied |
| Sewer Pipe | F. H. Kingsley | 3,026 | Lin. Ft. | .68 At City Yard .85 On Streets Discount from List Price |
| Cement Sidewalk | N. & B. Crushed Stone & Gravel Co. | 9,648 | Sq. Yd. | 71% & 1% Cars N. B. 69% at Store House |
| Bitulithic Pavement | Warren Bros. Co. | 1,523 20,660 2,281 | Sq. Yd. Sq. Yd. Sq. Yd. | 1.16 4" 1.39 6" 1.97 2" 1.35 1" |
| Fence Panels N. B. & F. Bridge | Walter Cooke | 78 | Panels | \$4,380.00 |

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

February 28, 1929.

Received, ordered printed in city documents, and sent
down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,

February 28, 1929.

Concurred.

RUTH G. HILTON,
Clerk.

NEW BEDFORD VOCATIONAL SCHOOL



Annual Report

: : OF : :

The Board of Trustees

FOR THE SCHOOL YEAR

1927---1928



NEW BEDFORD, MASS.:
NEW BEDFORD PRINTING COMPANY
1929

NEW BEDFORD VOCATIONAL SCHOOL



DAY DEPARTMENTS

Automobile, Machine Shop, Steam, Electrical, Carpentry, Related, and Household Arts.

TRADE EXTENSION COURSES

For Men

Machine Shop, Automobile, Roof Framing, General Carpentry, Plumbing, Linotype Operation, Machine Drawing and Applied Mathematics for Machinists, Carpenter Drawing and Mathematics, House Wiring, Electrical Code Rules, Electrical Mathematics, Electrical Machinery Testing, A. C. Motor Winding and Maintenance, Steam Engineering, Boiler Room Chemistry, and Sheet Metal.

Evening Courses for Women

Dress Making, Cooking, Home Nursing, Home Decoration, Millinery, and Food and Nutrition.

BOARD OF TRUSTEES

Edgar B. Hammond, Chairman

Charles S. Ashley, Mayor

Bernard Kestenbaum, President Common Council

Walter Baillargeon, President Common Council (term
expired January 1, 1929)

Mrs. Frederick Allen

William Harrop

David W. Beaman

William Ritchie

Dr. Anna W. Croacher

Frank S. Tripp

Trustees meet every first Monday of the month at
7.30 P. M. Meetings are public and this year are being
held in the Board of Commerce rooms.

ADVISORY BOARD

BOY'S DEPARTMENT—DAY

POWER DEPARTMENT

John Walmsley

George Burgess

Fred Cowden

AUTO DEPARTMENT

Gilbert Howard

William Downey

William Beserosky

MACHINE DEPARTMENT

John G. Kennedy

George Yochum

E. J. Perry

Arthur Johnson

Frank K. Brown

CARPENTRY DEPARTMENT

J. F. Tinkham

George J. Dodge

George Sistare

J. A. Sullivan

ELECTRICAL DEPARTMENT

A. C. Thompson

Roy T. Hawes

George Brown

A. H. Smith

GIRL'S DEPARTMENT—DAY

Mrs. A. L. Shockley

Miss Ruth Hilton

Miss Josephine Stuart

Mrs. Caroline Wilson

Mrs. Mayhew Hitch

EVENING SCHOOL—MEN

George Sistare

J. W. Bailey

Gilbert Howard

Roy T. Hawes

George Burgess

EVENING PRACTICAL ARTS

Mrs. A. S. Allen

Mrs. D. W. Beaman

Mrs. E. B. Robbins

Mrs. G. H. Sistare

FACULTY

William R. Mackintosh, Director

Dorothy E. Burkle, Clerk

Mildred L. Burkle, Clerk

DEPARTMENT HEADS

| | |
|-------------------------|----------------------------------|
| H. Percy Arnold..... | Power Department |
| W. A. Pittendreigh..... | Machine Shop and Auto Department |
| Arthur P. Whipple..... | Related Department |
| Lester A. Slocum..... | Carpentry Department |
| Charles W. Donovan..... | Electrical Department |
| Mildred G. Horne..... | Household Arts |

INSTRUCTORS

Power Department

| | |
|--------------------|------------------|
| Charles A. Foley | *John M. Baldwin |
| *Benjamin B. Pease | *S. Maker |

Auto Department

| | | |
|------------------|------------------|-------------------|
| Elmer H. Snyder | Edmond Conroy | Peter Worsley |
| Anthony B. Sears | Edward G. Taylor | William T. Horton |

Machine Shop Department

| | | |
|------------------|------------------|--------------------|
| Thomas J. Mulvey | Herbert W. Moore | Herbert C. Leonard |
|------------------|------------------|--------------------|

Related Department

| | | |
|-------------------|---------------|--------------------|
| E. Bowley Whipple | Fred S. Baker | Thomas F. Oldfield |
| Francis S. Holt | Grafton Fish | |

Carpenter Department

| | | |
|-----------------------|--------------------|------------------|
| Nathaniel F. Hastings | Sterling K. Wilson | Everett H. Taber |
|-----------------------|--------------------|------------------|

Electrical Department

| | | |
|-------------------|-----------------|------------------|
| Onslow C. Johnson | William Quinlan | Harold M. Cooper |
|-------------------|-----------------|------------------|

| | |
|--------------------------|----------------------|
| *J. Ovide Isabelle..... | Linotype |
| *James F. Murphy..... | Plumbing |
| *John C. Gorner..... | Sheet Metal |
| Gertrude C. Lowe..... | Cooking |
| A. Estelle Oldfield..... | Cooking |
| Nellie F. Dunn..... | Sewing |
| Gertrude C. Clark..... | Sewing |
| Ethel K. Bruce..... | Sewing |
| Helen B. Knapp..... | Science, Mathematics |
| Dorothy L. Howland..... | Nursing |
| Alva Glidden..... | Design |
| Kathryn H. Dorgan..... | Millinery |
| Gertrude E. Barry..... | English, Civics |
| Ethel H. Lowrie..... | Mathematics |

*Evening Instructors.

Evening Practical Arts

E. Marion Adshead, Supervisor

Mary Sheerin, Assistant

HEAD TEACHERS

Estella Bateman

Mary Evans

Anna Fahey

Mary Grimshaw

Mary E. Hughes

Ellen Paton

INSTRUCTORS

DRESSMAKING

Fannie Aldrich
Helen R. Almy
Gloria Amarantes
Blanche Baldwin
Anna L. Carver
Margaret Chadwick
Charlotte Chase
Nellie Cieurzo
Anna Cohen
Mira A. Cox
Amy E. Craven
Annie Doyle
Katherine Duffy
Nellie F. Dunn
Annie D. Feenan
Alvina Gray

Jessie Hathaway
Agnes Hynes
Helen Jennings
Marie L. Montminy
Kathryn Mulligan
Margaret Neenan
Mary A. Norton
Eva Richards
Margaret Ricketson
Gladys Sanders
Lilly Scowcroft
Mary Smith
Maude Stetson
Flora Stevenson
Anna Therien
Olga Ziedlis

MILLINERY

Sarah M. Ayer
Lillian M. Browning
Edith Duerden
Helena Gleason

Eleana Martel
Ida A. Messier
Marie Wall
Mary E. Yates

FOODS

Gertrude Ames
Agnes Baldwin
Elizabeth Keyes

Mildred A. H. Maynard
A. Estelle Oldfield
Agnes Taber

Anna Wall

FOOD AND NUTRITION

Gertrude C. Lowe

HOME NURSING

Dorothy L. Howland

HOME DECORATION

Edna Bateman
Esther Bateman
Mildred Chapman

Grace C. Lowe
Gertrude Racicot
Antoinette Shkolnick

CALENDAR, 1928 - 1929**TERMS**

Fall Term: Sept. 4, 1928 to Jan. 25, 1929.

Christmas vacation, one week, beginning Dec. 24, 1928.

VACATIONS

Spring Term: Jan. 28, 1929 to June 28, 1929.

Christmas vacation, one week, beginning Dec. 24, 1929.

Mid-winter vacation, one week, beginning Feb. 18, 1929.

Spring vacation, one week, beginning April 15, 1929.

Summer vacation, nine weeks, beginning July 1, 1929.

HOLIDAYS

| | |
|---------------|------------|
| Columbus Day, | October 12 |
|---------------|------------|

| | |
|----------------|-------------|
| Armistice Day, | November 12 |
|----------------|-------------|

From Wednesday noon, before Thanksgiving, the remainder of the week.

| | |
|-----------------|-----------|
| New Year's Day, | January 1 |
|-----------------|-----------|

| | |
|--------------|----------|
| Good Friday, | March 29 |
|--------------|----------|

| | |
|---------------|--------|
| Memorial Day, | May 30 |
|---------------|--------|

SCHOOL SESSIONS

Morning Session—8.30 to 12.00

Afternoon session—12.45 to 4.15

Evening session—7.00 to 9.00, during evening school term

VISITORS

The school is open to visitors during the following hours:

Daily except Saturday—8.30-4.15.

Saturday 8.30-12.00.

Visitors are always welcome and will be conducted through the school and furnished with such information as may be desired.

The night classes may be seen in operation Monday to Thursday evenings, inclusive, from 7.00 to 9.00, during the evening school term.

ADMISSION

DAY SCHOOL

Applicants must be at least 14 years of age and able to profit by the instruction offered.



EVENING SCHOOL

MEN

Applicants must be at least 16 years of age and employed in the trade they wish to study.

WOMEN

Applicants must be at least 16 years of age.

In all cases preference is given to residents of New Bedford.

TUITION

There is a tuition charge for non-residents. This charge is fixed by the State Board of Education and is at present \$200.00 per year for day school, and \$.20 per hour for evening school. Cities and towns paying tuition are reimbursed 50 per cent of amount paid by the State.

LOCATION

Household Arts Department, Power Department and third and fourth year Electrical Work, 210 Acushnet avenue.

First and second year Electrical Work, Sixth and Russell streets.

Automobile Work, 1 Harrison street.

Machine Shop and Carpentry Departments, Chancery and Court streets.

GRADUATION

Diplomas are awarded to those who have completed the required amount of accepted work in the shop and related department. The courses are laid out to cover a period of four years, but a student may graduate as soon as he completes the required work.

OUTSIDE TRADE EXPERIENCE

Several departments, namely the Power, Automobile, and Machine, have been very successful in placing boys during school time in local plants for trade experience. The students are usually out two weeks at a time on this type of work.

FOLLOW UP WORK

A record covering a period of five years is kept for every boy and girl who has attended school for at least six months. These records are on file in the main office and are open to the public.

OPERATION RECORDS

A complete record of all work done by the pupils is kept by the departments. This record shows the kind, grade and amount of work done. These records are on file and open for inspection at all times. Parents are especially invited to take advantage of this opportunity.

AVERAGE PER CENT. OF ATTENDANCE FOR DAY SCHOOLS, BY DEPARTMENTS.

For Year 1927 - 1928

| | |
|----------------------------|------|
| Machine Shop Department, | 94.5 |
| Power Department, | 96.5 |
| Automobile Department, | 94.8 |
| Carpentry Department, | 93.4 |
| Electrical Department, | 97.1 |
| Household Arts Department, | 91.3 |

EVENING SCHOOL STATISTICS

School Year 1926 - 27

| MEN | | WOMEN | |
|--------------------|------|--------------------|------|
| Total Enrollment | 512 | Total Enrollment | 1467 |
| Average Membership | 397 | Average Membership | 1247 |
| Average Attendance | 354 | Average Attendance | 1127 |
| % Attendance | 89.0 | % Attendance | 91.0 |

The evening classes for women are held in 18 centers in various parts of the city.

MEMBERSHIP OF THE DAY DEPARTMENT:

September 5, 1928

| | |
|----------------------|-----------|
| Machine Shop | 61 |
| Automobile | 100 |
| Electrical | 75 |
| Carpentry | 53 |
| Power | 14 |
| Household Arts | 142 |
| | <hr/> 445 |

WHAT OUR GRADUATES ARE DOING

John Burke—Atlas Tack Co., Machinist.
Frank Butts—Kelley Boat Yard, Machinist.
Walter Gierlasinski—Continental Wood Screw Co.,
Drafting.
Frank Grzybala—Morse Twist Drill Co.
Theodore Monterio—Hanlon Mfg. Co., Hartford, Conn.
Joseph Polar—Continental Wood Screw Co.
Austin Schroder—Ted-Toylers (Inc.).
William Stevens—Pauldings (Inc.), Machinist.
Harold Taylor—Morse Twist Drill Co.
Clifford Tripp—Road Surveyor helper—machine repairs.
Stephen Collins—Acushnet Mill, electrician.
Chester Dexter—Hawes Electric Co.
Frederick O'Neil—Paulding Electrical Co.
Philip Portlock—Hawes Electric Co.
Lynnwood Tripp—Dartmouth Mfg. Co.
Joseph Coakley—Olsen & Appleby.
Leonard Hathaway—Walter Hathaway, carpenter.
Joseph Dalbec—Attending Providence College.
Mitchell Janiak—N. E. Steamship Co.
Louis Leavitt—Utica Boiler Co., Utica, N. Y.
Milton Parker—Oregon Dye House, firing.
William Rex—Fro-joy Co., firing.
Stanley Czaplicki—Dvorak Bros., garage.
Rene Jarry—Dvorak Bros. garage.
Frederick McLoughlin—Western Electric Co.
Charles Potter—Franklin Auto, service.
Roman Szarwinski—Howard's Garage.
Kenneth Tripp—Chevrolet Service, New York.
Joseph Trojak—Oldsmobile Service.

Where Pupils Come From

New Bedford, Acushnet, Dartmouth, Fairhaven,
Freetown, Lakeville, Marion, Mattapoisett, Middleboro,
Rochester, Sandwich, Taunton, Wareham and Westport.

COST OF SCHOOL FOR SCHOOL YEAR FROM
SEPTEMBER 1, 1927 TO AUGUST 31, 1928

| | |
|---------------------|--------------|
| Rent, | \$ 12,571.33 |
| New Equipment, | 5,114.11 |
| Administration, | 4,052.79 |
| Instruction, | 126,984.63 |
| Auxiliary Agencies, | 342.85 |
| Operation of Plant, | 14,684.38 |
| Upkeep of Plant, | 3,680.59 |

| | |
|----------------|--------------|
| Total, | \$167,430.68 |
| Cost to State, | \$ 55,535.26 |
| Cost to City, | 73,220.70 |
| Income, | 38,674.72 |
| Total, | \$167,430.68 |

INCOME

| | |
|----------------|-------------|
| *Tuition, | \$20,028.20 |
| †Smith-Hughes, | 11,755.17 |
| ‡School Cash, | 6,891.35 |
| Total, | \$38,674.72 |

NOTE—State returns to City one-half of all expenditures after rent, new equipment, and income have been deducted.

*This money is turned over to City Treasurer and is applied to the general fund.

†This money received from the Federal Government, and must apply to teachers' salaries.

‡This money turned over to City Treasurer and is applied to the school's appropriation.

COST OF SCHOOL TO CITY, 1925 TO 1928

| School Year | Total Cost | —Income— Sales & Tuition | State | Total Income | Cost to City | Cost Per Student Hour to City |
|------------------|------------|-----------------------------|-----------|--------------|--------------|-------------------------------|
| 1925 } 1926 } | 154,381.63 | 35,960.59* | 54,665.43 | 90,626.02 | 63,755.61 | 10.2 cents |
| 1926 } 1927 } | 163,530.49 | 39,209.94* | 56,717.46 | 95,927.40 | 67,603.09 | 11.0 cents |
| 1927 } 1928 } | 167,430.68 | 38,674.72* | 55,535.26 | 94,209.98 | 73,220.70 | 12.2 cents |

*Includes Smith-Hughes money.

STUDENT HOURS, 1925 - 1928

| YEAR | AUTO | CARP. | ELEC. | MACH. | POWER | DAY HOME | NIGHT MEN | NIGHT WOMEN | TOTAL |
|------------------|---------|--------|--------|--------|--------|----------|-----------|-------------|---------|
| 1925 } 1926 } | 108,676 | 62,669 | 82,713 | 75,288 | 22,869 | 124,302 | 31,685 | 115,952 | 624,104 |
| 1926 } 1927 } | 95,382 | 63,470 | 85,736 | 64,932 | 24,136 | 142,800 | 36,525 | 101,294 | 614,275 |
| 1927 } 1928 } | 97,895 | 59,563 | 77,896 | 71,708 | 19,483 | 146,751 | 31,705 | 92,370 | 597,371 |



NEW SCHOOL

Just one year after the fire which destroyed the school buildings on Acushnet Avenue, the City Property Committee awarded the contract for the new school buildings on Hillman and Maxfield Streets to Olson & Appleby, of this City. Mr. Edgar B. Hammon, of C. Hammond & Son, is the architect for this work. The new school is located on the plot of land bounded by Hillman, Chancery, Maxfield and Ash Streets. This land and the buildings were used by the City as a city yard, where paving stone, curbing, crushed stone, was stored. The buildings which housed the power plant, the machine and carpenter shops, and the steam roller house, were turned over for use of the school. The plans call for a new power house, and a complete renovation of all other buildings on the lot that are going to be turned over to the school. It is estimated that the buildings will be ready for occupancy about the middle of March, 1929.

Outline of Trades and Courses

DAY SCHOOL FOR BOYS

Boys thinking of taking up a trade should consider the advantages this school offers. The school furnishes just the kind of instruction that is most difficult and frequently impossible for the apprentice to obtain under the condition of present day employment. Employers are hardly ever equipped to teach a trade due to lack of facilities and time. In the school the student is under the supervision of instructors who are mechanics of recognized skill and wide experience, and each student receives individual care and attention. Every effort is made to advance the student in his chosen trade and for this reason rapid progress can be made.

One learning his trade in industry has to pick up his knowledge by observation or through the kindness of the journeyman he is working with, and therefore makes slow progress.

In the school the various trades have been analyzed and the student follows a planned course of instruction beginning with the simpler forms of work and advancing step by step until he is familiar with the various branches of his trade. In the industry the method of training is not always to the advantage of the apprentice.

The work in the school is thoroughly practical and the progress a student can make is limited only by his capability and application.

The usual length of time to complete any one of these trades is four school years, although, as the instruction both in the shop and class room is individual, this time can be reduced depending on the capability of the student.

Although the school does not promise to obtain employment for graduates, it is a fact that almost 100% of the graduates have been placed in the trades trained for.

At present the following trades are offered: Automobile Mechanics, Steam Engineering, Machinist, Electrical and Carpentry.

AUTOMOBILE MECHANICS

This trade as taught in this school is unique in that it has been divided into types of cars. The students must be thoroughly familiar with one type before he is advanced to the next. The types are (1) Ford, (2) Light Fours, (3) Sixes, (4) Eights and Twelves.

During the last of the fourth year special attention is given to ignition problems. In taking cars for repairs care is taken to choose only those that have the necessary instruction value. Boys from this department readily find employment in the garages of this city and surrounding towns after graduating.

STEAM ENGINEERING

This course deals with the operation and care of boiler room apparatus. The students in this course operate the school power plant and do whatever gas and steam fitting that is necessary around the school. The instruction in this trade is along the lines which fits the student to take successfully the several licenses required in this state. Students who have completed their studies in this department for the most part find employment in the power plants of the local mills.

MACHINE SHOP

This course trains the student in a very systematic and effective way to become a good machinist. The course is laid out so that the student's progress from one type of machine to another such as the lathe, drill press, millers, etc. During the third and fourth years the students carry on the work along the lines of a job shop in that they do all the work necessary to complete their job. This might involve the use of any or all machines in the

shop. The applied mathematics, drawing and practical science of this course gives the students splendid foundation for his future work. The student receives instructions in forging,, heat treatment of steel, and acetylene welding to give him a good foundation of the principles induced in this work.

ELECTRICAL

The instruction in this trade covers—bell work, wiring for light and power, telephones, batteries, generators, motors—A. C. and D. C., switchboards, use of A. C. and D. C. testing instruments, and the study of the electrical code rules. The first two years in this department is spent in light and power wiring. The remainder of the time being devoted to the care and operation of electrical machinery, electrical testing, batteries and A. C. winding.

CARPENTRY

This course deals almost entirely with the problems of the house carpenter. The instruction in this department fits a boy to take his place in the trade as a carpenter. The student is given instruction in care of tools, floor laying, inside finish, roughing in, roof framing, putting on hardware, hanging doors, making sash, operation of mill machinery, layout work by means of a pole, turning and cabinet making.

RELATED DEPARTMENT

Besides the manual work necessary to master the trades listed above, complete instruction in the mathematics and drawing relating to these trades is given. This instruction is given by tradesmen skilled in this phase of the trade. Each trade has its own mathematics and drawing which applies to it and the student of one trade does not take the theory which applies to another. A complete course in English and civics is also given. If a student shows ability in machine drawing he is given work in machine design. A number of our students have entered drafting rooms and are making good.

Day School for Girls

The courses given in the Household Arts Department are essentially for training in homemaking, but it is also the aim to give the girls some foundation for managerial work, such as tea room work, managing housekeepers' work, running a home bakery, or doing work in millinery, costume design and sewing for private parties or in stores.

COOKING

The aim of the cooking course is to teach the principles of cookery and the practical application which may be worked out in the girl's home as well as in the school kitchen.

Since all of the food prepared is served at the noon-day luncheon at school, the girls exercise great care, thereby developing self-confidence and a keen sense of responsibility.

In addition to this each girl is required to prepare and serve special luncheons to four people, doing all the buying and planning as well.

A thorough study of foods, and food values is taken up during the first two years, and during the third and fourth year a course in dietetics is given.

SEWING

During the first year the girls are taught the use and care of a sewing machine and its attachments, and the use of paper patterns. The girls are also taught to measure each other for the patterns and to cut and make simple garments.

In the second, third and fourth years more advanced work on cotton material is taken up, and wool and silk

material are also used. Special attention is given to hand work and renovation problems. The use of the power machine is taught by using a small motor which may be easily attached to any machine and one which is suitable for use in the home as well as school.

Closely associated with the sewing course is the study of textiles. This includes the history and manufacture of different clothing materials, such as cotton, silk and wool, a knowledge of which enables the girls to select and buy clothing intelligently and economically.

The care of clothing and clothing budgets are emphasized in connection with the dressmaking.

MILLINERY

Theory:

- History of millinery.

- Advantages of the millinery trade.

- Study of frames.

- Fitting the head.

Practical work:

- Renovation of winter hats, frames and materials.

- Making velvet hats and trimmings.

- Renovation of spring hats.

- Making straw hats and trimmings, including ribbon and crepe facings.

SECOND, THIRD AND FOURTH YEAR

The same course is followed as in the first year but more advanced work is done. Hats of fabric, satin and fur are made, if such materials are in vogue.

During the fourth year, the girls are required to carry on their millinery work as it is done in the shops.

There is a girl in charge, assisted by one or two "trimmers". These are assisted by the rest of the class acting as "makers".

One girl is appointed "stock girl" to take care of all stock and to measure all the material needed for the work room.

DESIGN

The work done in the design classes consists of studying and applying the fundamental principles of art to every day life. This course correlates with the work done in the dressmaking, millinery and domestic science classes and seeks to cultivate good taste and appreciation of beauty, whether the problem be the designing of a dress, the remodeling of a hat or the furnishing of a room.

In the costume design special attention is paid to the lines of the figure, appropriateness of the costume, and harmony of color.

A study is made of house planning, embracing many phases of interior decoration, from the study of backgrounds to the details of furnishings and decorations.

Posters drawn by the girls advertise the work of the school and illustrate the activities of the community (viz., Women's Club, baby clinic, Y. W. C. A., mill, church, health, etc.).

Special awards of ten and five dollars were made by the New Bedford Standard for the best Christmas cards designed by the girls.

HOUSEHOLD MANAGEMENT

This course includes the theory and practice of every process connected with housework. Planning and construction of houses are studied with the idea in mind of convenience, labor-saving and saving of steps for the housekeeper. Much attention is given to the planning of the kitchen and selection of practical equipment. Labor saving devices are studied, as to their practical and economic value.

During the fourth year, an advanced course in this subject is given which includes a study of the development of the home. More attention this year is given to planning and keeping a family budget, the girls using their own home problems as a basis for study.

HOUSEHOLD SCIENCE

The purpose of this course is to lay a foundation for an intelligent and economic care of the home. It includes a study of the various principles and laws of physics and their applications to the facilities and conveniences of the modern household. The physics of the kitchen range, heating and ventilating systems, simple machines, thermometers, refrigeration, lamps, etc., are considered. It also includes the study of water supply, plumbing, and disposal of sewage.

A study of the common elements is made as a foundation for the study of foods and of chemical changes that occur in the every day experience of the home maker. A brief study is made of bacteria, yeasts and molds in order that the student may understand the precaution in procuring food from the market, the care to be taken in preparing and preserving foods in the home, and the value of certain organisms in ripening and giving flavor to foods.

HOME NURSING AND HYGIENE

The aim of this course is to teach the girl to keep her body in the most healthful condition and to enable her to give intelligent general care to the sick in her home.

The room in which this work is given is equipped like a home bedroom. A large hospital doll and two baby dolls, three months and one year sizes, are used in the practical work.

The course includes bed making, bed baths, prevention of bed sores, diets in illness, hygiene of the sick room, especially in contagious diseases taking of temperature, pulse, respiration, symptoms of diseases, chronic and acute, especially contagious and children's diseases, poulticing, administration of medicine, of enemata. Special attention is given to infant and child care. Bathing, dressing, feeding, care of bottles, also the bal-

anced diet for the older child. Some work in bandaging and first aid is also given in this course.

The Senior girls complete the Red Cross course in Home Nursing and receive a Red Cross certificate.

ENGLISH

The aim of this course is the cultivation of clear, forceful, correct English, both oral and written and the appreciation and enjoyment of the best in literature.

A careful study is made of the best standard English works including prose, poetry, essay, drama and exposition,—and a brief study of some of the best modern short stories, novels and poems.

Sufficient knowledge of written technicalities is given to enable the girl to write a natural, convincing and entertaining social letter and a simple, pointed and courteous letter.

Mechanism of the drama is studied with a view to later writing and staging a play. Each year a graduation play is given by the upper class,—the girls designing and making the costumes and stage settings, and the boys constructing the stage and producing the lighting effects.

The students are taught to use the public library intelligently and are expected to report on six library books each year, as part of their outside reading.

CIVICS

The first year classes in civics take up the study of city conditions in general and New Bedford in particular. The history of the city is studied and later girls are led to think of the modern problems which present themselves. Discussion is encouraged and suggestions for betterment are brought forward and talked over.

The second year girls continue along these lines, noting the growth of the cities and discussing the causes. Particularly do they notice that through coöperation and community spirit many changes for good have been

brought about—in fact that the helpful spirit is necessary in everything, successful school life as well.

They also take up the State and National Government.

In addition to these subjects mathematics, history, geography, physiology, dietetics and laundry are also included in the curriculum.

HOME PROJECT WORK

The Home Project Work which is carried on in connection with this department has added both interest and enthusiasm to the carrying over into the home of the principles and processes taught at school.

Each girl remains at home one-half day each week, at which time the teacher having charge of this work may visit the home and supervise the cutting of a garment, the preparation of a meal or general housework, which ever one has been chosen for the girl's special duty. Projects to cover a period of six weeks are assigned, but on any day the girl may change her plan to do something which is necessary to be done in the home on that day and make up her regular project on Saturday. Each teacher supervises her own projects.

Many of our girls do work at home other than that assigned by the teacher. The record of this is kept by the pupil, signed by the mother and sent to the school, where credit is given the girl for the work.

The aim of the Home Project Work is to develop initiative in her own home problems on the part of the pupil and to encourage coöperation on the part of the parent.

The home project work in English centers upon the selection of books for a family library. In addition to fiction, poetry, history, biography and children's books, the home project problem involves the selection of reference books, scientific books for home crafts, and technical books dealing with the trades and professions of the working members of the family.

OPPORTUNITIES FOR HIGHER EDUCATION

The four year course in this department is an equivalent of a high school course of the same length and graduates are admitted each year to the Vocational Household Arts course at Framingham Normal school. After completing the course there, they are eligible to receive the B. S. degree which is now granted by that institution.

Girls who wish to specialize in Art and Costume Design are prepared for entrance to various art schools in New England and may be admitted on passing examinations to Massachusetts Normal Art School.

For the girls interested in Foods, opportunities to work in tea rooms have been found and they may continue training at the Boston School of Domestic Science and Art, if they wish to prepare for positions of greater responsibility.

For the girls who are interested in dressmaking and millinery as a trade the training in those subjects here gives an excellent foundation. They may enter the trade without serving an apprenticeship and may receive higher wages than the girl without this foundation.

Several girls enter training for the nursing profession each year in both local hospitals and in out of town hospitals. They find that their training in Household Arts is a very good foundation for the work in nursing, in that it includes the subjects which have a direct bearing on the hospital work.

The case of one girl deserves special mention. She went to a hospital to train for nursing. She had marked talent in drawing, which was developed while a student here. This was soon discovered and she was allowed to do sketching in the operating room during operations. Because of her ability she was advised to get more training. She is now at Johns Hopkins University taking special work to prepare for the work of technician in a hospital.

Many girls are not able to complete the four year

course. For this reason, the work of the first and second year is planned so to include the subjects both practical and academic which will be of more vital use to the student who has to leave school.

What ever line of work a girl may pursue after leaving this school, the time spent here has not been wasted since she has had training and practice in the things which she should do, either in her home or for herself. She is able to make her own clothes and hats and to buy economically and tastefully which is a valuable asset to every girl.

PHYSICAL TRAINING

The work in physical training is conducted at the Y. W. C. A. gymnasium, since there is no suitable gymnasium at the school.

The work consists of floor exercises, folk dances, some apparatus work, games and basketball.

In addition to this simple exercises which help to improve the functional activity of the body and to correct tendencies to abnormal development are given daily in the classroom.

Basketball teams are organized each year and inter-class games are arranged.

At the end of the season each year, an exhibition of work done in these classes is held.

Good health and strength are essential to happiness. With this in view the physical training work is planned.

Distribution of Time in the Household Arts Department

| First Year | Periods | Second Year | Periods |
|----------------------------------|----------------|--------------------------|----------------|
| Mathematics | 4 | Mathematics | 2 |
| English | 3 | English | 3 |
| Civics | 1 | Cooking | 3 |
| Cooking | 4 | Design | 3 |
| Design | 2 | Clothing | 6 |
| Clothing | 6 | Millinery | 3 |
| Textiles | 1 | Physiology and dietetics | 1 |
| Home Nursing | 1 | Textiles | 1 |
| Personal Hygiene | 1 | Home nursing | 1 |
| Club Work | 1 | Club work | 1 |
| Mending and care of clothing | 1 | Science | 2 |
| Household management and laundry | 2 | Household management | 1 |
| Home project | 3 | Home project | 3 |

| Third Year | Periods | Fourth Year | Periods |
|-------------------|----------------|--------------------|----------------|
| Mathematics | 2 | Mathematics | 3 |
| English | 2 | English | 3 |
| Cooking | 4 | Millinery | 2 |
| Design | 3 | Clothing | 6 |
| Clothing | 6 | Science | 2 |
| Millinery | 3 | Cooking | 4 |
| Dietetics | 1 | History | 2 |
| History | 2 | Home nursing | 1 |
| Home nursing | 1 | Design | 2 |
| Club work | 1 | Food industries | 1 |
| Science | 2 | Dietetics | 1 |
| Home project | 3 | Home project | 3 |

Period: 55 minutes

TRADE EXTENSION EVENING CLASSES

For Men

In order to attend the evening courses one must be at least sixteen years old and be employed during the day in the trade he wished to study at night. This is the state law regarding trade extension courses. The courses given at present in the evening school are steam engineering, boiler room chemistry, machine shop practice, mathematics and drawing for machinists, mathematics and drawing for carpenters, A. C. and D. C. mathematics for electricians, house wiring, Code Rule, A. C. motor winding and maintenance, electrical testing, roof framing, general carpentry, plumbing, linotype operation, sheet metal drafting.

EVENING CLASSES FOR WOMEN

The Evening Practical Art classes for women are open to women over sixteen years of age who live in New Bedford or any of the surrounding towns; the expense of this work being taken care of jointly by the city and state.

Registration is taken each year in September and the classes open early in October continuing for twenty weeks closing the last of March.

These classes are conducted in the Vocational School building and several other centers throughout the city.

Instruction is given in the following subjects: dressmaking, children's clothes, millinery, foods, food and nutrition, home nursing and home decoration. The classes for mothers in the selection and making of children's clothes have been very popular this year. Special attention is given to simple design and suitable material

for children's wear from infancy to fourteen years of age. The pupils in the sewing, children's clothes, millinery and home decoration classes bring their own materials, while the cost of the raw materials in the food classes is divided among the pupils. Much attention is given to the essentials of good home decoration such as the importance of line, color combination and arrangement of furniture. The home decoration course is offered, using the non-progressive unit system allowing pupils to select work which meets their special requirement.

The course in food and nutrition which is being given for the second time this year is a valuable addition to the evening school courses. The outline embraces a study of foods and the factors that must be considered in selecting an adequate diet with a view to enabling those interested to make a choice of food suitable to their needs and those under their care. The American Red Cross Text book on Food Selection was used.

The nutrition program of the American Red Cross is essentially an educational program. The aim today in public health is pre-eminently preventative, so nutrition is now recognized as having an important part in community welfare. It makes more effective the work of the doctor and other health workers, by offering its portion of specialized supplemental facts, that the instructor has spent years in acquiring.

For those who complete the requirements of this course a Red Cross certificate is awarded.

Regular outlines of work prepared by the supervisors and approved by the State are followed in all courses except the home nursing and food and nutrition where the Red Cross outline is used.

Certificates are awarded to pupils completing satisfactorily three years' work in home decoration, dress-making, millinery and cooking. A Red Cross certificate and also a diploma from the school is given to pupils completing the prescribed course in home nursing and in food and nutrition.

Teachers for these courses are selected from the best trade women and are required to be in contact with their trade so that their work may be kept up to date in every way. They are required to take a teacher-training course which deals with methods of teaching and class room management. It is also a requirement that an approved course in some subject be completed each year for their professional improvement.

During the last two years afternoon classes have been much in demand; these classes meet only one afternoon each week for three and one-half hours, while the evening classes meet twice each week for two hours each. Each class continues for twenty consecutive weeks, making a total of seventy hours for the afternoon classes and eighty hours for the evening classes. Afternoon classes are conducted in dressmaking, millinery, children's clothes and home decoration only; suitable rooms for cooking and home nursing are not available afternoons.

ATHLETICS

This school belongs to the Massachusetts High School Athletic Association.

The school is represented by teams in the following sports: Football, Soccer, Track, Basketball and Baseball. Basketball for the girls is limited to inter-class games.

The money necessary to support the school teams is for the most part raised by the student body, by means of dances, plays and food sales.

As this school has no field of its own it is obliged to use the city parks for baseball and soccer. Football is played on the High School gridiron. Through the kindness of the Principal and Trustees of the New Bedford Textile School, the basketball squad is allowed to practice in the Textile School gymnasium and stage all home games.

Summary of 1927-28 Athletic Season

The football team won four games, tied two and lost two; the basketball team won ten, lost six; the baseball team won eight, lost five; the soccer team won seven, lost none; the track team lost two meets.

GRADUATING EXERCISES

The graduating exercises of the Evening Practical Arts Department were held on Thursday evening, March 29, in the High School Auditorium.

The exercises of the Day School were held on Tuesday evening, June 26, in the High School Auditorium. The programs of these exercises were as follows:

EVENING VOCATIONAL SCHOOL

PROGRAM

MARCH—"Queen City" Werdt

Vocational School Orchestra

PRAYER

Rev. William B. Geoghegan

SELECTION—"Castle Chimes"

Shubel

Vocational School Orchestra

GREETINGS FROM STATE DEPARTMENT OF EDUCATION

Miss Anna A. Kloss
Agent of Teacher-Training

ADDRESS

Mrs. Evelyn S. Tobey
Teachers' College, Columbia University

MARCH—"The Home Town Band" Werdt

Vocational School Orchestra

PRESENTATION OF RED CROSS CERTIFICATES

Mr. Frank H. Gifford
New Bedford Representative American National Red Cross

PRESENTATION OF DIPLOMAS

Edgar B. Hammond
Chairman Board of Trustees

AMERICA

Vocational School Orchestra

LIST OF GRADUATES

DRESSMAKING

| | | |
|----------------------|---------------------|---------------------|
| Mary Alexander | Mary Fontes | Isabel Mello |
| Mary Alfonso | Angelina Freitas | Lena D. Mello |
| Mary Antino | Mary Gallant | Wilhelmina Mikus |
| Florence Arsenault | Laura Girard | Bessie Miller |
| Diamantia Bandarra | Carolina Gomes | Virginia Milligan |
| Rita E. Barcellos | Adelia R. Gonsalves | Mary Moniz |
| Thersa Barry | Martha Gordon | Florence Morris |
| Alice Beaupre | Margaret A. Graham | Honora Neal |
| Lena Beauregard | Gladys Griffith | May Newshan |
| Ethel Bennett | Charlotte Grosso | Mary Papagan |
| Yvonne Bernard | Annie Grundy | Annette M. Pellerin |
| Hermine Berard | Lorretta Guerette | Amelia Plaza |
| Ida Bettencourt | Sarah E. Hammett | Annie Potkay |
| Mary K. Bliven | Mary Henriques | Alice Potvin |
| Rose Bliven | Anna Houbre | Blanche Prince |
| Lena Bois | Elizabeth Hoxie | Claudia Prince |
| Maria A. Borges | Sadie Hughes | Ida Provencher |
| Stella Botseas | Angelina Jefferson | Mildred Radcliffe |
| Stella A. Bryda | Annie Keyes | Laudina A. Raymond |
| Anna Carvalho | Catherine Kozorek | Frances Rebello |
| Elizabeth Cassidy | Sylvina C. Ladeira | Mary Ribeiro |
| Emily Catterall | Florida Lafond | Aurora Riendeau |
| Doris Clarkson | Frances Lamb | Mary Rojowski |
| Mary Coite | Albina Landreville | Annie Rosenthal |
| Emily P. Cordeiro | Laura LaPlante | Bertha M. Russell |
| Marion Crosby | Elsie E. Lassey | Mary Santos |
| Beatrice DeMello | Irene N. Lauzon | Eva Savaria |
| Rose Demers | Ovilia LeBlanc | Diana Serra |
| Juliette Desaulniers | Helen Leger | Ida Sher |
| Ida Desjardin | Nellie Lemos | Anna T. Shortell |
| Florence Dewhurst | Anna M. Lesniak | Alice Sicard |
| Alice Dickinson | Reseda O. L'Heureux | Anna A. Silva |
| Clarice Drinnan | Ruth Lynch | Valeria Siwik |
| Alice Dubois | Mary A. Machado | Agnes S. Soares |
| Harriet Duffy | Jennie Mackie | Catherine C. Sondej |
| Stella Dutra | Imelda Mailloux | Catherine Stanton |
| Agnes Eastwood | Amanda Martin | Blanche Surprenant |
| Alice Ethier | Kathryn L. Matthews | Mary Tarlale |
| Yvonne L. Ethier | Ellen D. McCracken | Aldea Tetreault |
| Evelyn Flynn | Eva Medeiros | Irene Trahan |
| Elmira Fontes | Adelaide Mello | Amelia Wygrzywska |
| | Eugenia Mello | |

MILLINERY

| | | |
|-----------------------|-----------------------|------------------|
| Laura Blais | Josephine M. Gosselin | Mary Medeiros |
| Ethel Blechinger | Josephine Groblicka | Valentine Mello |
| Mary T. Costa | Agnes Hynes | Blanche Paquette |
| Mary T. Costa | Henrietta Josefiak | Lydia Pinto |
| Blanche Cote | Angeline Karcher | Ellen Roberts |
| Fleurette M. Fontaine | Agnes Little | Clara Santos |
| Eva Gauthier | | Bertha Tichon |

HOME DECORATION

Josephine Ferrero
Lillian King

Marie King
Margaret Vieira

Mary L. Young
Katherine M. P. Ziemba

FOODS

Dora Belanger
Rebecca E. Cayton
Catherine E. Crowley
Susan J. Culhane
Helen Devlin

Lucy Earley
Laura M. Eno
Annie Fielding
Alice Gauthier
Julianna Hotte

Helen E. Hughes
Anna Lindroos
Elsie Pinard
Helen L. Sheehan
Annie L. Welsh

HOME NURSING

Bertha Allen
Evelina Asselin
Christina M. Beique
Caroline Branco
Mercedes Britto
Irma M. Buker
Lula Burt
Katherine Carlon
Mary Connelly
Mary Corry
Marie R. Daigle
Anne Marie Dionne
Fannie Dries
Mary Everett
Esther E. Farrell
Rose Fontaine
Nora Fournier

Mary Furnan
Aldea Giguere
Cecelia Glaudu
Sarah E. Hammett
Alice Jodoin
Yvonne Jodoin
Rose Kilroy
Gertrude Lanagan
Tillie Levine
Flora Lewis
Lena A. Linton
Ellen L. Lowney
May Marshall
Jeanette M. Mason
Florence Milligan
Elsie Munro
Helena A. Murphy
Kathleen Murphy

Margaret Murphy
Mary Murphy
Bessie O'Brien
Mary T. O'Brien
Hannah Robinson
Bessie M. Rosparka
Mary Ryan
Mary Salmon
Suzanne Shannon
Rosenia Sleight
Davinia B. Smith
Mary Agnes Thompson
Helene L. Vaughan
Alice Wallwork
May Wallwork
Clara Walsh
Jennie Zerbonne

NUTRITION

May L. Baldwin
Amy E. Clark
Mary Connelly
Marie Anne Dionne
Esther Farrell
Nora Fournier

Florence Foy
Mary Hargreaves
Mary Herlihy
Ellen Lowney
Susie Mackler
Mary Rhodes

Nellie Rhodes
Alice Riley
Bessie Rosparka
Alice Ward
Gertrude Whalen
Jennie Zerbonne

DAY VOCATIONAL SCHOOL

PROGRAM

MARCH—"Our Students" Ascher
New Bedford Vocational School Orchestra

INVOCATION Rev. William B. Geoghegan

SELECTION—"Cleopatra Gavotte" Mills
Orchestra

ADDRESS OF WELCOME
William R. Mackintosh, Director
New Bedford Vocational School

SELECTION—"Humoresque" Dvorak
Orchestra

ADDRESS
Frank Palmer Speare, LL. B., M. H.
President of Northeastern University

PRESENTATION OF DIPLOMAS
Edgar B. Hammond, Chairman
Board of Trustees, New Bedford Vocational School

AMERICA First and last verses
Audience and School

GRADUATES, 1928

HOUSEHOLD ARTS DEPARTMENT

| | |
|-------------------------|------------------------|
| Evelyn Bleasdale | Arlene Ida Lewis |
| Kathleen Elizabeth Cook | Mary Jeanne Pelczar |
| Mary Elizabeth Foley | Rose Ella Pildis |
| Sarah Tripp Howland | Helen Croacher Spooner |
| Eleanor Louise Johnson | |

MACHINE SHOP DEPARTMENT

| | |
|-----------------------|--------------------------|
| John Joseph Burke | Austin Asinall Schroder |
| Frank Clifton Butts | William Benjamin Stevens |
| Walter Gierlasinski | Harold Taylor |
| Frank Grzybala | Clifford Jenny Tripp |
| Theodore Leo Monterio | John Woodward |
| Joseph Polar | |

ELECTRICAL DEPARTMENT

| | |
|--------------------------|-------------------------|
| Stephen Francis Collins | Philip Henry Portlock |
| Chester Gray Dexter | Lynnwood Augustus Tripp |
| Frederick William O'Neil | |

CARPENTRY DEPARTMENT

| | |
|----------------------|-------------------------|
| Joseph Henry Coakley | Leonard Warren Hathaway |
|----------------------|-------------------------|

POWER DEPARTMENT

| | |
|----------------------------|-------------------|
| Joseph Pierre Emile Dalbec | Milton Nye Parker |
| Mitchell Stanley Janiak | William Henry Rex |
| Louis Henry Leavitt | |

AUTOMOBILE DEPARTMENT

| | |
|-----------------------------|----------------------------|
| Stanley Czaplicki | Charles Walter Potter |
| Henry Joseph Finnerty | Roman Stanislaw Szarwinski |
| Rene Conrad Jarry | Kenneth Benjamin Tripp |
| Frederick Joseph McLoughlin | Joseph Trojak |

CITY OF NEW BEDFORD, MASS.

Fifty-Ninth Annual Report

OF THE

NEW BEDFORD WATER BOARD

TO THE

CITY COUNCIL

CONTAINING

I

THE REPORT OF THE WATER BOARD

II

THE REPORT OF THE WATER REGISTRAR

III

THE REPORT OF THE SUPERINTENDENT

December 31, 1928

NEW BEDFORD WATER BOARD

1929

| | |
|-----------------------------|---|
| CHARLES S. ASHLEY | { <i>Mayor of City and President of Water Board</i> |
| BERNARD KESTENBAUM | <i>President of Common Council</i> |
| JAMES O. THOMPSON, JR. | Term expires June 1929 |
| WILLIAM D. HAMEL | Term expires June 1930 |
| THOMAS F. GLENNON | Term expires June 1931 |

| | |
|----------------------------|-------------------------------------|
| STEPHEN H. TAYLOR | <i>Clerk of Board and Supt.</i> |
| HOWARD C. MANDELL | <i>Engineer</i> |
| ALFRED BRADLEY | <i>Water Registrar</i> |
| GEORGE F. BURGESS | <i>Chief Pumping Engineer</i> |
| JOHN C. DEMELLO, JR. | <i>Foreman, Distributing System</i> |
| E. MAUDE BUTTS | <i>Clerk</i> |
| DOROTHY A. ESTNER | <i>Stenographer</i> |
| ELSIE W. MARVEL | <i>Clerk</i> |
| WARREN TATTERSALL | <i>Water Registrar's Clerk</i> |
| LESTER F. SPOONER | <i>Water Registrar's Clerk</i> |
| WENDELL M. HARDY | <i>Inspector and Clerk</i> |
| ARTHUR F. COLWELL | <i>Inspector</i> |
| THOMAS RAWCLIFFE | <i>Inspector</i> |
| ROBERT G. REFUSE | <i>Inspector</i> |
| JUSTIN C. PERKINS | <i>Inspector</i> |
| WALTER GARDNER | <i>Inspector</i> |
| PETER CARTER, JR. | <i>Inspector</i> |
| THOMAS RAWCLIFFE, JR. | <i>Inspector</i> |
| ROMEO LANGLOIS | <i>Inspector</i> |
| WM. S. BOYLE | <i>Inspector</i> |

CITY OF NEW BEDFORD, MASS.
OFFICE OF NEW BEDFORD WATER BOARD,
DECEMBER 31, 1928.

To the City Council of the City of New Bedford:

GENTLEMEN:—Complying with the provisions of Section 91 of the City Ordinance, the New Bedford Water Board herewith respectfully submits its Fifty-ninth Annual Report; it being for the year ending November 30, 1928. Accompanying and incorporated with it are the reports of the Water Registrar and Superintendent. You are referred to these for a more detailed account of the operations during the year.

On January 3d, your Honorable Body elected Mr. William D. Hamel a member of this Board to fill the vacancy caused by the expiration of Mr. Abbott P. Smith's term in June, 1927.

On June 19th, you re-elected Mr. Thomas F. Glennon as a member of this Board for a term of three years.

ADDITIONAL SUPPLY ACTS 1924.

One piece of property on Pocksha Pond watershed containing 4 Acres has been purchased from Mrs. Harry Howard for \$2,640. Credit has been received amounting to \$160, leaving a balance in the City Treasurer's office to this account of \$29,225.70.

The following abstract from the Water Registrar's report shows in condensed form the financial operations of the year. Full details will be found in his report, which accompanies this.

RECEIPTS

| | | |
|--|--------------|--------------|
| Balance December 1, 1927 | | \$52,776.41 |
| Receipts from water | \$352,731.10 | |
| Receipts from other sources | 24,692.77 | |
| Receipts from Chapter 400 Acts of 1924 | 2,640.00 | 380,063.87 |
| | | <hr/> |
| | | \$432,840.28 |

PAYMENTS

| | |
|-------------------------------------|--------------|
| Management and repairs | \$230,084.49 |
| Extension of works, regular account | 95,521.03 |
| Extension of works, Bond account | 2,640.00 |
| Interest | 62,406.25 |

WATER REPORT

| | | |
|--|-----------|----------------|
| Bonds | 62,000.00 | |
| Diverted by City Auditor | 14.51 | 452,666.28 |
| Deficit December 1, 1928 | | \$19,826.00 |
| The total outlay for the construction of these works exclusive of debt, interest and management and repairs account through 1927 was | | |
| | | \$6,114,035.01 |

INCREASE 1928

| | Payments | Credits | Net | |
|-------------------------------|------------|-----------|------------|----------------|
| Additional supply | | | | |
| Chapter 400 acts 1924 | \$2,640.00 | \$160.00 | \$2,480.00 | |
| Distribution | 95,521.03 | 18,237.61 | 77,283.42 | 79,763.42 |
| Actual outlay to Dec. 1, 1928 | | | | \$6,193,798.43 |

It will be noted that the receipts for water are \$37,735.18 less than last year, caused principally by the light consumption during the six months strike in the textile mills. This, together with the fact that a section of the new 48-inch Cast Iron force main has been laid at an expense of \$52,194.13, accounts for the deficit which is shown. This will, undoubtedly, be taken care of by the receipts during the coming year.

The following is a statement of receipts and expenditures for the past twenty-three years.

RECEIPTS AND EXPENDITURES SINCE 1906

| Year | Receipts for Water | Total Receipts | Maintenance Interest and Bonds | Extensions Paid from Regular Receipts | Extensions Paid from Bond accounts | Diverted by City Council and City Auditor | Total Expenditures | Balance 1st of Year |
|--------|--------------------|-----------------|--------------------------------|---------------------------------------|------------------------------------|---|--------------------|---------------------|
| 1906 | \$199,406.32 | \$213,529.07 | \$167,442.72 | \$39,519.01 | | | \$206,961.73 | \$37,316.64 |
| 1907 | 212,589.72 | 231,637.20 | 174,567.77 | 68,169.57 | | | 242,737.34 | 43,883.98 |
| 1908 | 218,803.17 | 236,417.31 | 179,886.32 | 52,111.50 | | | 231,997.82 | 32,783.84 |
| 1909 | 220,008.54 | 242,670.82 | 176,447.78 | 59,286.75 | | | 235,734.53 | 37,203.33 |
| 1910 | 244,203.79 | 267,420.31 | 157,654.08 | 89,542.43 | | | 247,196.51 | 44,139.62 |
| 1911 | 269,365.83 | *677,198.07 | 188,365.39 | 125,269.28 | \$387,138.05 | | *700,772.72 | 64,363.42 |
| 1912 | 265,103.14 | *460,166.32 | 211,692.69 | 86,237.65 | 162,914.20 | | *460,844.54 | 40,788.77 |
| 1913 | 288,350.02 | *317,101.14 | 227,207.44 | 89,128.38 | 7,026.44 | \$38,483.43 | *323,362.26 | 40,111.55 |
| 1914 | 303,487.60 | *331,265.21 | 230,997.75 | 85,222.87 | 6,169.52 | | *322,390.14 | 4,241.07 |
| 1915 | 304,717.29 | 343,938.79 | 241,709.76 | 80,897.97 | | | 322,607.73 | 364,725.46 |
| 1916 | 336,878.45 | 371,973.52 | 239,667.78 | 125,057.68 | | | 393,340.10 | 32,820.19 |
| 1917 | 360,958.00 | 398,067.15 | 267,278.78 | 128,061.32 | | | 362,221.54 | 35,547.24 |
| 1918 | 371,429.86 | 396,704.43 | 293,000.50 | 69,221.04 | | 30,000.00 | 342,591.77 | 40,030.13 |
| 1919 | 375,758.66 | 406,481.37 | 272,087.60 | 70,504.17 | 163,030.76 | | *600,354.11 | 103,919.73 |
| 1920 | 400,846.11 | *446,260.50 | 307,199.41 | 130,123.94 | 377,260.27 | | *830,910.37 | 50,173.88 |
| 1921 | 346,799.64 | *948,723.92 | 323,350.45 | 130,299.65 | 121,503.08 | 7.29 | *631,897.75 | 67,639.67 |
| 1922 | 377,217.42 | *529,619.63 | 366,516.98 | 143,877.69 | 73,523.39 | 2.24 | *499,649.47 | 34,645.74 |
| 1923 | 416,765.00 | *569,841.70 | 368,596.61 | 57,529.47 | 223,822.03 | 24.50 | *696,314.33 | 35,544.25 |
| 1924 | 387,378.60 | *678,469.34 | 383,236.15 | 89,256.15 | 53,663.98 | | *489,979.45 | 17,674.76 |
| 1925 | 403,136.09 | *518,536.57 | 379,882.77 | 56,432.70 | 130,811.69 | .66 | *547,129.73 | 46,231.88 |
| 1926 | 394,991.80 | *565,093.48 | 358,581.28 | 57,736.76 | 62,311.63 | 17.11 | *491,111.80 | 64,194.97 |
| 1927 | 390,466.28 | *479,710.35 | 375,586.71 | 53,213.46 | 2,640.06 | 14.51 | *452,651.77 | 52,776.41 |
| 1928 | 352,731.10 | *380,063.87 | 354,490.74 | 95,521.03 | | | | 19,826.00 |
| Totals | \$7,441,392.43 | \$10,010,890.07 | \$6,245,447.46 | \$1,982,220.47 | \$1,771,815.04 | \$68,549.74 | \$9,999,482.97 | |

*Includes receipts and expenditures on Bond accounts as follows:

| | |
|--------------------------|--------------|
| Chapter 202 Acts of 1909 | \$250,836.65 |
| Chapter 65 Acts of 1911 | 151,391.78 |
| Chapter 75 Acts of 1912 | 161,019.78 |
| Chapter 232 Acts of 1921 | 676,110.81 |

Chapter 65 Acts of 1923
Chapter 400 Acts of 1924

350,493.15
181,962.87
\$1,771,815.04

The taking by eminent domain of an easement through the property of Henry C. Tinkham, in accordance with your vote February 9th, was completed by filing a copy of same in the Registry of Deeds of Plymouth County, and notifying the owners.

The work of widening and straightening Miller's Neck Brook is now complete from the Railroad track at Rock to a point about 1000 ft. south of Miller St. This has resulted in improving the surrounding swamps and the quality of water received from them. Further improvement can be made by continuing this work through the remainder of the Black Brook Swamp. This may necessitate the taking or purchasing of some property or easements, unless permission from the owners can be obtained voluntarily.

In cooperation with the Middleborough Fish and Game Club, the property held for the protection of the watershed is being made a Game Refuge. This will help to keep it free from trespassers and assist in preserving the purity of the water.

In June, the State Department of Conservation requested permission to seine Great and Little Quittacas Pond for fish to be removed to other ponds which were open to the public. This permission was granted and they obtained about eight hundred fish, mostly of good size. These were planted in ponds nearby.

The demand for extension of mains and new services has been less than for many years. Four petitions for the extension of main pipes have been received and granted and fifty-six additional services have been laid. For the improvement of the distribution system the 6-inch main in King's Highway has been replaced by 12-inch pipe, the 4-inch main in Johnnycake Hill and Lincoln Streets have been replaced with 8-inch, and the 4-inch main in Arch St. has been replaced with 6-inch.

On June 2nd, a contract authorized by you was made by the Clerk of Committees with David Duff and Son for furnishing this department with 2320 tons of New River coal. The greater part of this is for use at the Quittacas Pumping Station and about 1637 tons have been delivered.

WATER REPORT

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The following are the principal contracts that have been made during the year:

| Date 1928 | Contractor | Supply | Consideration |
|--------------|-----------------------------------|--------------------------------------|---|
| Jan. 18 | A. E. Coffin Press | Printing Report | \$244.00 |
| Feb. 10 | U. S. C. I. Pipe and Fdy. Co. | Cast Iron Pipe & Special Castings | 48" pipe \$37.90 per T. Specials 130.00 per T. |
| Mar. 21 | N. E. Wood Pre- serving Co. | Chestnut R. R. Ties | 97½c each |
| Apr. 4 | Cape Cod Sand and Cement Co. | Vitrified Sewer Pipe | 75c per lin. ft. |
| June 30 | M. B. Main | Painting Standpipe | \$397.00 |
| Aug. 14 | Woodacre Bros. | Vapor Heating System | \$1,650.00 |
| Oct. 4 | Mac's Tire and Rim Service Co. | Tires | \$377.40 |

In closing we wish to express our appreciation of your co-operation in its activities during the year.

Respectfully submitted,

CHARLES S. ASHLEY,
WALTER BAILLARGEON,
JAMES O. THOMPSON, JR.
WILLIAM D. HAMEL,
THOMAS F. GLENNON,

New Bedford Water Board.

REPORT OF THE WATER REGISTRAR

CITY OF NEW BEDFORD,
WATER REGISTRAR'S OFFICE,

December 1, 1928.

To the New Bedford Water Board:

Gentlemen: I herewith present to you a detailed statement of the receipts and expenditures of the Water Works Department for the year ending at this date.

RECEIPTS

| | | | |
|--|--------------|--------------|--------------|
| Balance December 1, 1927 | | | \$52,776.41 |
| Receipts for water, | | | |
| Rates: | | | |
| Domestic meters | \$221,455.70 | | |
| Domestic estimated | 121.50 | | |
| Building purposes | 52.21 | | |
| Total Domestic | | \$221,629.41 | |
| Manufacturing meters | | 107,342.64 | |
| Manufacturing estimated | | 100.00 | |
| Meter rentals | | 21,437.15 | |
| Demands | | 1,348.00 | |
| Fines | | 862.00 | |
| Liens | | 11.90 | |
| Total water receipts | | \$352,731.10 | |
| Services | 7,069.39 | | |
| Mains | 7,450.56 | | |
| Meters | 2,850.11 | | |
| Mill piping | 867.55 | | |
| | | 18,237.61 | |
| Lands, etc. | 523.25 | | |
| Forestry | 772.59 | | |
| Workshop | 36.82 | | |
| Sealing fixtures | 1,085.07 | | |
| Maintenance of horses, autos, etc. | 503.22 | | |
| Quittacas pumping station | 311.09 | | |
| Purchase pumping station | 109.30 | | |
| Taxes | 1,760.92 | | |
| Steel force main | 10.00 | | |
| Roads | 10.20 | | |
| 2nd Force main | 80.19 | | |
| Black Brook | 630.00 | | |
| Miscellaneous | 615.51 | | |
| Refund on advertising | 7.00 | 6,455.16 | 377,423.87 |
| On a/c Chapter 400 Acts of 1924 | | | 2,640.00 |
| Total receipts | | | \$432,840.28 |
| Expenditures for the year | | 452,651.77 | |
| Diverted by City Auditor | | 14.51 | 452,666.28 |
| Deficit December 1, 1928 | | | \$19,826.00 |
| This deficit agrees with the City Auditor's account. | | | |

WATER REPORT

9 y

EXPENDITURES

| | |
|---|-------------|
| Supt. Dept. Salaries | \$18,560.97 |
| Water Registrar's dept. Salaries | 25,562.46 |
| Printing, Stationery, advertising, postage and other office supplies | 7,897.23 |
| Traveling expenses, express, telephones and telegrams | 1,560.20 |
| Liens | 21.60 |

Quittacas Pumping Station:

| | | |
|-------------------------------------|-------------|-----------|
| Salaries and labor | \$23,732.31 | |
| Fuel | 11,403.96 | |
| Oil, waste, packing and lighting | 2,925.07 | |
| Lighting engine | 6,658.45 | |
| Tools and other supplies | 1,361.50 | |
| Repairs, steam engine | 3,511.62 | |
| Repairs, boilers | 238.12 | |
| Repairs, centrifugal pump and motor | 44.32 | |
| Electric current, centrifugal pump | 307.76 | |
| Other repairs | 1,108.79 | |
| Quittacas station and grounds | 7,112.13 | |
| Miscellaneous | 1,264.77 | 59,668.80 |

Quittacas Supply:

| | | |
|--|----------|-----------|
| Great and Little Quittacas ponds, including overflow, intakes, etc. | 7,404.45 | |
| Black brook | 6,884.64 | |
| Lands | 4,277.84 | |
| Forestry | 7,072.54 | |
| Roads, walls and fences | 3,071.50 | |
| Patrol of watershed | 1,505.00 | |
| Buildings | 4,034.97 | |
| Railroad | 9,924.87 | |
| Taxes and insurance | 5,455.71 | |
| 48" Steel force main | 1,823.14 | |
| High Hill reservoir | 1,381.37 | |
| 48" Cast iron force main | 926.91 | 53,762.94 |

Mains:

| | | |
|--------------------------------|----------|----------|
| Main pipe | 148.26 | |
| Stop gates | 1,134.11 | |
| Hydrants | 2,124.82 | |
| Flushing and inspecting | 3,552.03 | |
| Street Dept. repairing streets | 547.73 | |
| Miscellaneous | 884.28 | 8,391.23 |

Services:

| | | |
|---|----------|-----------|
| Repairing and removing | 1,028.05 | |
| Renewing and driving stop boxes | 2,672.41 | |
| Cleaning stops, taps and pipe | 506.72 | |
| Street Dept. repairing streets | 681.22 | |
| Water cart and car sprinkler hydrants | 9.22 | |
| Sealing fixtures and inspecting check valves | 776.63 | 5,674.25 |
| Meters | | 11,096.32 |

WATER REPORT

| | | | |
|--|-------------|-----------|--------------------|
| General Maintenance: | | | |
| Horses, Carriages and autos | \$20,865.44 | | |
| Labor at workshop | 8,285.25 | | |
| Materials at workshop | 346.97 | | |
| Fuel, lighting and power at workshop | 950.98 | | |
| Repairs, workshop, buildings and pipe yard | 720.00 | | |
| Stand pipe | 515.97 | | |
| Accident account | 1,287.85 | | |
| Miscellaneous | 1,276.32 | 34,248.78 | |
| Acushnet Supply: | | | |
| Storing reservoir and surroundings and Dry Swamp Ditch | 948.96 | | |
| Conduit | 253.18 | | |
| Receiving reservoir, pumpwell and Purchase St. station | 2,367.44 | | |
| Mt. Pleasant distributing reservoir | 70.13 | 3,639.71 | 230.084.49 |
| Public debt: | | | |
| Interest | | 62,406.25 | |
| Bonds | | 62,000.00 | 124,406.25 |
| | | | <hr/> \$354,490.74 |

EXTENSIONS

| | | | |
|---|----------|-----------|--------------------|
| Mains: | | | |
| Main pipe and special castings | 2,939.36 | | |
| Stop gates | 1,128.65 | | |
| Hydrants | 522.25 | | |
| Lead and gasket | 182.60 | | |
| Tools | 9,415.17 | | |
| All other supplies | 4,760.52 | | |
| Labor | 6,066.62 | | |
| Street Dept. repairing streets | 1,331.72 | 26,346.89 | |
| Services: | | | |
| Pipe | 291.00 | | |
| All other supplies | 653.71 | | |
| Labor | 3,560.72 | | |
| Plumbing | 1,329.74 | | |
| Street Dept. repairing streets | 709.42 | 6,544.59 | |
| Meters: | | | |
| Cost of meters | 1,451.80 | | |
| Cost of testing and setting | 186.05 | 1,637.85 | |
| Mill piping | | 1,483.14 | |
| Fire protection Quittacas station | | 3,196.20 | |
| Second Force main | | 52,194.13 | |
| Automatic safety stops for engines | | 1,495.04 | |
| Shop extensions | | 900.89 | |
| Garage at Plummer house | | 1,722.30 | 95,521.03 |
| Additional supply Chapter 400 Acts of 1924: | | | |
| Lands | | | 2,640.00 |
| Total expenditures | | | <hr/> \$452,651.77 |

WATER REPORT

11 y

| | |
|---------------------------------|--------------|
| Water receipts 1927 | \$390,466.28 |
| Water receipts 1928 | 352,731.10 |
| | <hr/> |
| Decrease 1928 | \$37,735.18 |
| Received from City Departments: | |
| Water rates | \$12,257.64 |
| Miscellaneous | 4,000.55 |
| | <hr/> |
| | \$16,258.19 |
| Due on outstanding bills: | |
| Water | \$2,439.08 |
| Miscellaneous | 4,156.17 |
| | <hr/> |
| | \$6,595.25 |

ACCOUNT OF DISPOSITION OF LOAN FOR ADDITIONAL SUPPLY, CHAPTER 400 ACTS OF 1924 FOR THIS YEAR

| | |
|-------------------------------------|-------------|
| Balance December 1, 1927 | \$31,705.70 |
| Credit bill No. 28414 Gunners stand | 25.00 |
| Credit bill No. 28888 Morse cottage | 135.00 |
| | <hr/> |
| | \$31,865.70 |

EXPENDITURES

| | |
|--|--------------|
| Lands | \$2,640.00 |
| | <hr/> |
| Balance December 1, 1928 | \$29,225.70 |
| Total receipts and expenditures on account of water loan, Chapter 400 Acts of 1924. | |
| Bond issue November 1, 1926 | \$150,000.00 |
| Bond issue February 1, 1927 | 60,000.00 |
| | <hr/> |
| | \$210,000.00 |

| | Expenditures | Credits | Net |
|--------------------------|--------------|------------|--------------|
| Miscellaneous expense | \$548.33 | | \$548.33 |
| Lands | 111,720.36 | 1,088.76 | 110,631.60 |
| Venturi meter chamber | 34,030.66 | 99.81 | 33,930.85 |
| Nemasket River damages | 35,663.52 | | 35,663.52 |
| | <hr/> | | |
| | \$181,962.87 | \$1,188.57 | \$180,774.30 |
| Balance December 1, 1928 | | | 29,225.70 |
| | | | <hr/> |
| | | | \$210,000.00 |

EXPENDITURES FROM THE BEGINNING OF THE WORKS

| | Payments | Credits | Net |
|----------------------------|-------------|---------|-------------|
| Acushnet supply | | | |
| Dry Swamp Ditch and lands | \$23,503.76 | | \$23,503.76 |
| Acushnet storing reservoir | 61,470.71 | | 61,470.71 |
| White homestead and land | 18,845.24 | | 18,845.24 |
| Dam at storing reservoir | 4,000.00 | | 4,000.00 |

| | | | |
|---|----------------|----------------|----------------|
| Conduit, lands, construction and | | | |
| Wheldon Mill property | 205,391.80 | 592.50 | 204,799.30 |
| Purchase St. receiving reservoir | 31,959.47 | | 31,959.47 |
| Pumpwell and culvert | 16,561.41 | | 16,561.41 |
| Engine house lot Purchase St. | 17,152.89 | | 17,152.89 |
| Engine house and coal shed | 100,771.51 | | 100,771.51 |
| Engines, Purchase St. | 81,234.47 | | 81,234.47 |
| Stand pipe Mt. Pleasant | 6,109.93 | | 6,109.93 |
| Mt. Pleasant distributing reservoir | 65,292.66 | 2,209.76 | 63,082.90 |
| | \$632,293.85 | \$2,802.26 | \$629,491.59 |
| Quittacas Supply: | | | |
| Lands around ponds | \$147,696.04 | | \$147,696.04 |
| Dam at Pocksha pond | 26,020.70 | | 26,020.70 |
| Quittacas pumping station, pumpwell engines, intake, gate house, con- nection between Quittacas ponds; and 4 boats | 372,672.73 | | 372,672.73 |
| Second intake | 212,618.87 | | 212,618.87 |
| Engineers house | 9,568.51 | | 9,568.51 |
| Telephone lines | 2,168.64 | | 2,168.64 |
| Railroad, locomotive and cars | 73,631.64 | | 73,631.64 |
| 48" Steel force main, lands and power gate | 382,367.32 | | 382,367.32 |
| 48" Cast iron force main | 319,131.78 | | 319,131.78 |
| High Hill reservoir | 181,405.06 | | 181,405.06 |
| Assistant chief engineer's house | 7,521.19 | | 7,521.19 |
| | \$1,734,802.48 | | \$1,734,802.48 |
| Additional supply from Pocksha and Assawompsett ponds: | | | |
| Miscellaneous expense | \$548.33 | | \$548.33 |
| Lands | 111,720.36 | \$1,088.76 | 110,631.60 |
| Venturi meter chamber | 34,030.66 | 99.81 | 33,930.85 |
| Nemasket River damages | 35,663.52 | | 35,663.52 |
| | \$181,962.87 | \$1,188.57 | \$180,774.30 |
| Distribution, etc.: | | | |
| Mains, services, hydrants, meters and mill piping | \$4,541,401.80 | \$1,017,066.08 | \$3,524,335.72 |
| Workshop, pipe yard and garage | 125,395.59 | 1,001.25 | 124,394.34 |
| Old workshop and land, No. Water St. | 6,498.75 | 6,498.75 | |
| Management and repairs | 4,350,936.50 | 180,974.87 | 4,169,961.63 |
| | \$9,024,232.64 | \$1,205,540.95 | \$7,818,691.69 |
| Public debt: | | | |
| Interest | \$1,949,409.14 | \$867.50 | \$1,948,541.64 |
| Bonds | 1,034,000.00 | 1,584.90 | 1,032,415.10 |
| Sinking funds | 751,732.00 | | 751,732.00 |
| | \$3,735,141.14 | \$2,452.40 | \$3,732,688.74 |
| Acushnet Supply | \$632,293.85 | \$2,802.26 | \$629,491.59 |
| Quittacas Supply | 1,734,802.48 | | 1,734,802.48 |
| Pocksha and Assawompsett supply | 181,962.87 | 1,188.57 | 180,774.30 |

WATER REPORT

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| | | | |
|--------------------|------------------------|-----------------------|------------------------|
| Distribution, etc. | 9,024,232.64 | 1,205,540.95 | 7,818,691.69 |
| Public debt | 3,735,141.14 | 2,452.40 | 3,732,688.74 |
| | <u>\$15,308,432.98</u> | <u>\$1,211,984.18</u> | <u>\$14,096,448.80</u> |

The receipts from the commencement of the works have been as follows:

| | |
|--|----------------|
| Appropriations by City Council 1888 and previous | \$1,038,000.00 |
| Further supply | 1,316,639.60 |
| Duplicate supply main 1910 | 250,836.65 |
| Special extensions 1911 | 151,391.78 |
| Special extensions 1912 | 161,019.78 |
| 48" Cast iron force main, Chap. 232, 1921 | 700,246.14 |
| Second intake Chap. 65, 1923 | 350,493.15 |
| Additional supply Chap. 400, 1924 | 181,962.87 |
| Receipts from water | 9,995,771.14 |
| Receipts from other sources | 1,210,795.61 |

\$15,357,156.72

| | |
|--------------------------------|------------------|
| Less used by City Council 1913 | \$38,483.43 |
| Less used by City Council 1918 | 30,000.00 |
| Diverted by City Auditor 1922 | 7.29 |
| Diverted by City Auditor 1923 | 2.24 |
| Diverted by City Auditor 1924 | 24.50 |
| Diverted by City Auditor 1926 | .66 |
| Diverted by City Auditor 1927 | 17.11 |
| Diverted by City Auditor 1928 | 14.51 |
| | <u>68,549.74</u> |

\$15,288,606.98

Deduct total outlay

15,308,432.98

Deficit December 1, 1928

\$19,826.00

| | |
|--------------|----------------------|
| Outlay | \$15,308,432.98 |
| Less credits | <u>1,211,984.18</u> |
| | <u>14,096,448.80</u> |

| | |
|------------------------|-----------------------|
| Management and repairs | \$4,350,936.50 |
| Less credits | <u>180,974.87</u> |
| | <u>\$4,169,961.63</u> |

| | |
|--------------|---------------------|
| Interest | \$1,949,409.14 |
| Less credits | <u>867.50</u> |
| | <u>1,948,541.64</u> |

| | |
|--------------|---------------------|
| Bonds | \$1,034,000.00 |
| Less credits | <u>1,584.90</u> |
| | <u>1,032,415.10</u> |

| | | |
|---------------|------------|--------------|
| Sinking funds | 751,732.00 | 7,902,650.37 |
|---------------|------------|--------------|

Actual cost of works

\$6,193,798.43

| | | |
|----------------------------------|----------------|-----------------------|
| Water receipts | | <u>\$9,995,771.14</u> |
| Deduct Management and repairs | \$4,169,961.63 | |
| Debt, interest and sinking funds | 3,732,688.74 | |
| Used by City Council | 68,483.43 | |
| Diverted by City Auditor | 66.31 | 7,971,200.11 |

Water receipts applied to construction

\$2,024,571.03

The funds for the construction of these works have been derived from the following sources:

| | |
|--|----------------|
| Investment of Sylvia Ann Howland bequest | \$100,000.00 |
| Sylvia Ann Howland educational bequest | 100,000.00 |
| Received from sale of bonds 1888 and previous | 815,000.00 |
| Appropriations for construction 1885 | 23,000.00 |
| Net receipts applied to construction | 2,024,571.03 |
| Net proceeds Further water supply bonds | 1,316,639.60 |
| Net proceeds Duplicate supply main bonds 1910 | 250,836.65 |
| Net proceeds Special extensions bonds 1911 | 151,391.78 |
| Net proceeds Special extensions bonds 1912 | 161,019.78 |
| Net proceeds 48" Cast iron force main bonds 1921 | 700,246.14 |
| Net proceeds 2nd Intake bonds, 1923 | 350,493.15 |
| Amount used for additional supply | |
| Chap. 400 Acts of 1924 | 180,774.30 |
| | <hr/> |
| | \$6,173,972.43 |
| Deficit December 1, 1928 | 19,826.00 |
| | <hr/> |
| Net Cost of works | \$6,193,798.43 |

Respectfully submitted,

ALFRED BRADLEY,

Water Registrar.

WATER REPORT

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The water debt at this date is as follows :

| Under Annual Payments | When Issued | Amount Issued | Rate | Annual Payments | Amount due |
|-----------------------------|---------------|---------------|------|-----------------|----------------|
| Duplicate Supply Main | June 1, 1910 | \$150,000.00 | 4% | \$5,000.00 | \$60,000.00 |
| Chap. 202, Acts of 1909 | | | | | |
| Duplicate Supply Main | Sept. 1, 1910 | 75,000.00 | 4% | 3,000.00 | 36,000.00 |
| Chap. 202, Acts of 1909 | | | | | |
| Special extensions | May 1, 1911 | 150,000.00 | 4% | 5,000.00 | 65,000.00 |
| Chap. 65, Acts of 1911 | | | | | |
| Special extensions | May 1, 1912 | 160,000.00 | 4% | 1913 to 1927 | 6,000.00 |
| Chap. 75, Acts of 1912 | | | | 1928 to 1937 | 5,000.00 |
| 48" C. I. Force main | May 1, 1921 | 500,000.00 | 5¼% | 1938 to 1942 | 4,000.00 |
| Chap. 232, Acts of 1921 | | | | 1922 to 1941 | 17,000.00 |
| 48" C. I. Force main | Nov. 1, 1921 | 200,000.00 | 4¾% | 1942 to 1951 | 16,000.00 |
| Chap. 232, Acts of 1921 | | | | 1922 to 1941 | 7,000.00 |
| 2nd Intake Little Quittacas | Apr. 1, 1923 | 200,000.00 | 4% | 1942 to 1951 | 6,000.00 |
| Chap. 65 Acts of 1923 | | | | 1924 to 1943 | 7,000.00 |
| 2nd Intake Little Quittacas | Mar. 1, 1924 | 150,000.00 | 4¼% | 1944 to 1953 | 6,000.00 |
| Chap. 65, Acts of 1923 | | | | | 5,000.00 |
| Additional Supply | Nov. 1, 1926 | 150,000.00 | 4% | 5,000.00 | 140,000.00 |
| Chap. 400 Acts of 1924 | | | | | |
| Additional Supply | Feb. 1, 1927 | 60,000.00 | 4% | 2,000.00 | 58,000.00 |
| Chap. 400 Acts of 1924 | | | | | |
| Under sinking funds | | | | | 48,000.00 |
| No. 38 Water Bonds | | | | | |
| | | | | | \$1,299,000.00 |
| | | | | | 48,000.00 |
| | | | | | \$1,251,000.00 |

Less sinking funds in City Treasury No. 38 Water bonds due June 1, 1930

There remains unpaid, interest for 1928, \$58.75.

REPORT OF SUPERINTENDENT

NEW BEDFORD WATER WORKS,
SUPERINTENDENT'S OFFICE,

December 1, 1928.

To the New Bedford Water Board:—

GENTLEMEN:—The fifty-ninth annual report of your Superintendent is herewith respectfully presented, it being for the year ending November 30, 1928.

Through the courtesy of Mr. X. H. Goodnough, Chief Engineer of the State Dept. of Public Health, the results of the monthly chemical analyses of samples of water from Little and Great Quittacas and Pocksha ponds are incorporated in this report. These show that the quality of these waters continues to be excellent.

Copies of the rainfall records at Quittacas Pumping Station and at Long Plain Storing Reservoir, also various tables showing in detail the work of the department during the year are also appended.

WATER SHED

The rainfall as recorded at Quittacas Pumping Station, full details of which appear in Table D, was 44.06 inches. This is 1.48 inches less than last year's record and .98 inch less than the average for the past thirty-four years. The ponds have remained at about the usual height.

The water level in Pocksha Pond has varied from elevation 51.09 on April 1, to 49.03 on December 1. The height of water is now 49.03.

The water level in Great Quittacas Pond has varied from elevation 51.13 on April 1, to 47.61 on September 15. The present height is 48.99.

The water level in Little Quittacas Pond is regulated by a controlled flow from Great Quittacas Pond, and has varied from elevation 48.06 on August 1, to 47.01 on June 18. The present height is 47.95. It is kept quite low in order to keep the water out of the surrounding swamps where it would absorb considerable color. These swamps have been ditched to keep down the water level. This ditching has considerably reduced the color as well as the amount of vegetable taste which appears in the water. The shores of this pond have been cleared of the grassy growth as usual.

BLACK BROOK IMPROVEMENT

The floating outfit, mentioned in the last report, has been completed and this fall the work of finishing the clearing of the channel of Black Brook from the Pond to Marion St. was started. This work is now progressing nicely.

The taking by eminent domain of an easement through the property of Henry C. Tinkham has enabled us to complete the straightening and widening of Miller's Neck Brook, a branch of Black Brook from the Railroad track at Rock to a point about 1000 ft. south of Miller St.

It is recommended that this work be continued the entire length of Black Brook and its tributaries as this is the principal supply to Great and Little Quittacas Ponds. It is very highly colored and has a strong swampy taste. This work, when completed, will materially reduce the color and taste.

The following is a copy of the recommendation of the State Dept. of Public Health on this subject:—

THE COMMONWEALTH OF MASSACHUSETTS
DEPT. OF PUBLIC HEALTH

State House, Boston, January 19, 1928.

To the Water Department,
New Bedford, Massachusetts.
Mr. Stephen H. Taylor, Supt.

Gentlemen :

In response to your request for advice as to the proposed plans of improving the water supply of New Bedford, especially the improvement of Black Brook, the Department of Public Health has caused the locality to be examined by its engineer and has considered the plans of the proposed works.

These plans provide for widening, deepening and straightening Black Brook so as to drain the swamps within its watershed so as to prevent the water from taking up color and organic matter from long contact with vegetation in these swamps. Great Quittacas Pond has a drainage area of 11.42 square miles, about 60% of which is included in the watershed of Black Brook. The water of this brook is highly colored, at some seasons extremely so, and as it contains more than $\frac{1}{2}$ the watershed of Great Quittacas Pond, the color of the latter source is seriously affected at times by the drainage from this brook.

The cause of the color of the water in Black Brook is the extensive areas of swamps on its watershed in which the water stands for a considerable time in contact with vegetable matter of various kinds. By draining the brook in accordance with the plan proposed by your Department, the color of the water can be greatly reduced and a material improvement effected in the quality of the water delivered to the city. This improvement can be made gradually from time to time as convenient but should be carried through to completion at the earliest practicable time. It will probably be advisable in connection with this improvement to move the outlet of Black Brook farther to the north in order to secure further improvement in the quality

of the water by longer storage in Great Quittacas Pond. It may also be found advisable to make certain other improvements in this water by treatment or otherwise, but the Department recommends that the drainage system be carried out and tests of its effect made before further steps are taken to improve the water supply of the city which is of excellent quality except for the rather high color caused by the drainage from swamps in the watershed of Black Brook.

Respectfully,

(Signed) GEORGE H. BIGELOW, M. D.,
Commissioner of Public Health.

FORESTRY

Forestry work has been carried on as usual. 20,000 Red Pine and White Spruce 4 year transplants purchased from the Forestry Division of the State Dept. of Conservation have been set out on the watershed of Little Quittacas Pond.

During the winter considerable work in weeding out undergrowth among pines planted several years ago and cutting dead wood in other areas was accomplished.

Additional fire lines alongside of roads have been made and the older lines kept clear of growth. The daily patrol by our own men and by the State Police has been maintained.

QUITTACAS PUMPING STATION

This station continues to give excellent service with only minor repairs. A new set of springs, 312 in number, has been installed in Engine B. These replace springs which have been in service since the pump was installed in 1899. The old ones were in good condition considering their age, but the new ones operate more effectively. They were made at the pumping station by our own forces from German Silver spring wire.

The automatic sprinkler system, new lighting engine and automatic engine stops mentioned in the last report have been

installed satisfactorily. Both intakes and the pump well have been emptied and thoroughly cleaned. They remain in good condition.

Details of pumping operations will be found in tables H, I and J.

RAILROAD

The railroad connecting Quittacas Station with the main line of the N. Y., N. H. & H. R. R. at Braleys has been kept in repair. About 3,000 ties have been replaced, mostly between Beaver Dam and Braleys. All the coal and heavy supplies for the pumping station are hauled over this road. It is also very useful in laying the second force main. The 48-inch pipe was delivered over this road and gravel for filling over the line in Bolton Swamp is hauled over this road from our pit adjoining it. For use in hauling gravel for covering the extension of the 48-inch cast iron force main this year, four used dump cars were purchased from Roy H. Beattie of Fall River. These have been thoroughly overhauled by our own forces, and are now in first-class condition. They will be needed for the further extension of the new force main through Bolton Cedar Swamp as well as for general work along the track.

FORCE MAINS AND HIGH HILL RESERVOIR

The 48-inch steel and 48-inch cast iron force mains and High Hill Reservoir remain in good condition and no repairs of any account have been required to either.

The 48-inch cast iron force main has been extended 2561 ft. from the terminus just west of Middleboro Rd. at Beaver Dam to 325 ft. west of County Rd.

This was done by our own forces and the cost was as follows:

Cost of 48" Cast Iron Force Main laid in 1928—April to September, Class "C" N.E.W.W.A. Specifications.
Pipe @ \$38.20 per T.—2561 ft. laid.

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| | Total | Per ft. |
|----------------------------------|-------------------|---------------|
| Pipe and Specials and Inspection | \$31,267.71 | \$12.21 |
| Leadite and Gasket | 881.00 | .34 |
| Tools and Repairs | 3,879.72 | 1.51 |
| Labor (See sub-division) | 11,324.30 | 4.42 |
| Fuel, Oil and Grease | 1,118.21 | .46 |
| Piles and Piling | 1,388.58 | .54 |
| Akron Tile Drain | 1,854.93 | .73 |
| Sand, Cement and Gravel | 105.40 | .04 |
| Culverts Roaring Brook | 908.81 | .24 |
| Two wooden box culverts | 405.62 | .27 |
| | <hr/> \$53,134.28 | <hr/> \$20.76 |

Labor Sub-division

| | | |
|--------------------------------------|------------|--------|
| Unload and distribute 48" C. I. Pipe | \$606.92 | \$.24 |
| Excavation and laying | 3,565.21 | 1.38 |
| Backfill | **3,428.59 | 1.34 |
| Pumping | 758.65 | .30 |
| Clearing | 469.51 | .18 |
| Watchmen | 916.21 | .36 |
| Rep. of 2nd hand R. R. Dump Cars | *1,197.10 | .47 |
| Misc.—Line and grade, etc. | 382.11 | .15 |

*Four second-hand dump cars purchased for \$600 and repaired at an expense of \$1,197.10, represent a saving of about \$1,500., as compared with the cost of new cars. They have been so thoroughly overhauled and repaired that they are now in every way as good as new.

**This figure includes labor only for that portion of backfill borrowed and hauled by dump cars from gravel pit about one mile from the site. It covers the labor for excavating borrow, loading cars, hauling cars, rehandling with clamshell at the pipe and hand grading. The total borrow was 6660 cu. yds., and it required 41 working days to handle it. Average cost, labor only, \$.515 per yd.; average 162 yds. per day.

OLD ACUSHNET SYSTEM

This system remains intact and will furnish about five million gallons daily at Purchase Street Station, if needed.

A rate of 2½c per thousand gallons has been established by the City Council on the recommendation of this Board for

water taken from the conduit, but there have been no takers as yet.

Mt. Pleasant Reservoir is kept full of water from the Quitacas supply. It is controlled by a check valve and would automatically supply the City should the pressure drop below normal.

STANDPIPE

The standpipe (75 ft. high by 20 ft. diameter) has been repainted this year for the first time since it was erected in 1921. It was made of wrought iron sheets with steel rivets and was originally painted with two coats of red lead and two coats of gray lead and oil. When emptied it was found that the paint on the inside below the water level was practically all peeled off leaving the metal bare, but in good condition. The paint on the inside above the water level and on the outside was still in fair condition, but blistered in places.

A contract was made with M. B. Main of Somers Point, N. J., to clean and repaint it for the sum of \$397. After scraping off all loose paint the inside was treated with rust killer and "Hot Coat." The outside was covered with two coats of "Main's Coverall Salt Air Paint." The inside coating is guaranteed for seven years and the outside for four years.

ELECTROLYTIC SURVEY

An electrolytic survey of the pipes and other underground structures has been made by William E. Foss of Boston, in the joint interest of the City of New Bedford, New Bedford Gas & Edison Light Co., Union Street Railway Co., New England Telephone & Telegraph Co., and Town of Dartmouth. A copy of that part of his report pertaining to the water pipes is appended (Appendix I.) Mr. Foss made a similar survey and report in 1908. Since then the situation has been considerably improved by the abandonment of the Old Colony Street Railway Company's line to Middleboro. There is still a small amount of stray current from the Union Street Railway Co., finding its way back to the power station over our pipe lines, and an effort will be made to further improve the condition, as recommended by Mr. Foss, as soon as ground conditions will permit. This should prevent the occasional breaks in our pipes from

this cause. Our electrolytic condition is not bad as compared with other cities and we have always found the Union Street Railway Co. ready to cooperate in remedying any defective conditions which are found.

DISTRIBUTION SYSTEM

The demands for extension of main pipes and new services have been less than ever before. Details of this work will be found in the tables following:

6,019 ft. of main pipe have been laid. About 232 ft. of this was in response to four petitions for extension and the remainder was laid for the improvement of the distributing system.

Twenty-five hydrants have been broken off by carelessly driven or skidding automobiles. The cost of repairing them was \$1,293.61, of which \$867.91, was collected from the owners of the cars or their insurance companies. This cost does not include the loss of water which is a considerable item in each case. Each break causes considerable inconvenience to water takers in the vicinity by the sudden shutting off of water without notice. It also reduces the fire protection of the area by shutting off one or more hydrants.

There have been nine leaks upon the mains as herewith stated.

| Date 1927 | Size | Location | Cause | Cost |
|-----------------|------|-------------------------------------|---------------|---------|
| Dec. 17 1928 | 6" | No. Second St., 150' S. of Maxfield | Joint Started | \$19.29 |
| Jan. 7 | 10" | Orchard St., S. of Rivet | " " | 16.99 |
| 21 | 6" | No. Second St., 70' N. of Hillman | " " | 21.82 |
| Feb. 18 | 6" | No. Second St., 70' S. of Maxfield | " " | 20.58 |
| May 5 | 6" | Belleville Rd., W. of Ashley Blvd. | " " | 17.50 |
| June 2 | 8" | Bonney St., 100' N. of Cove Rd. | " " | 18.27 |
| | 8" | Coffin Ave., W. of Front | " " | 39.32 |
| Aug. 18 | 6" | Acushnet Ave., at Willis | " " | 17.99 |
| Nov. 3 | 6" | Winsor St., about 100' E. of Crapo | " " | 11.62 |

No small-sized distribution pipe (less than 4-inch) has been laid or removed. The total length in use 8,681 feet.

Twenty-three new stop gates have been set and three of those previously set have been removed. The total number in use is 2859.

No small-sized gates have been set and three of those previously set have been removed. The total number in use is 88.

No waste gates have been set or removed. The total number in use is 199.

Twelve new stop gates for private supplies have been set and none have been removed. The total number in use is 613.

No new air taps have been set. The total number in use is 212.

No new check valves have been recorded. The total number in use is 11.

Eighteen new hydrants have been set and seven of those previously set have been removed. The total number in use is 1853.

No watering cart hydrants have been set and three of those previously set have been removed. The total number in use is 42.

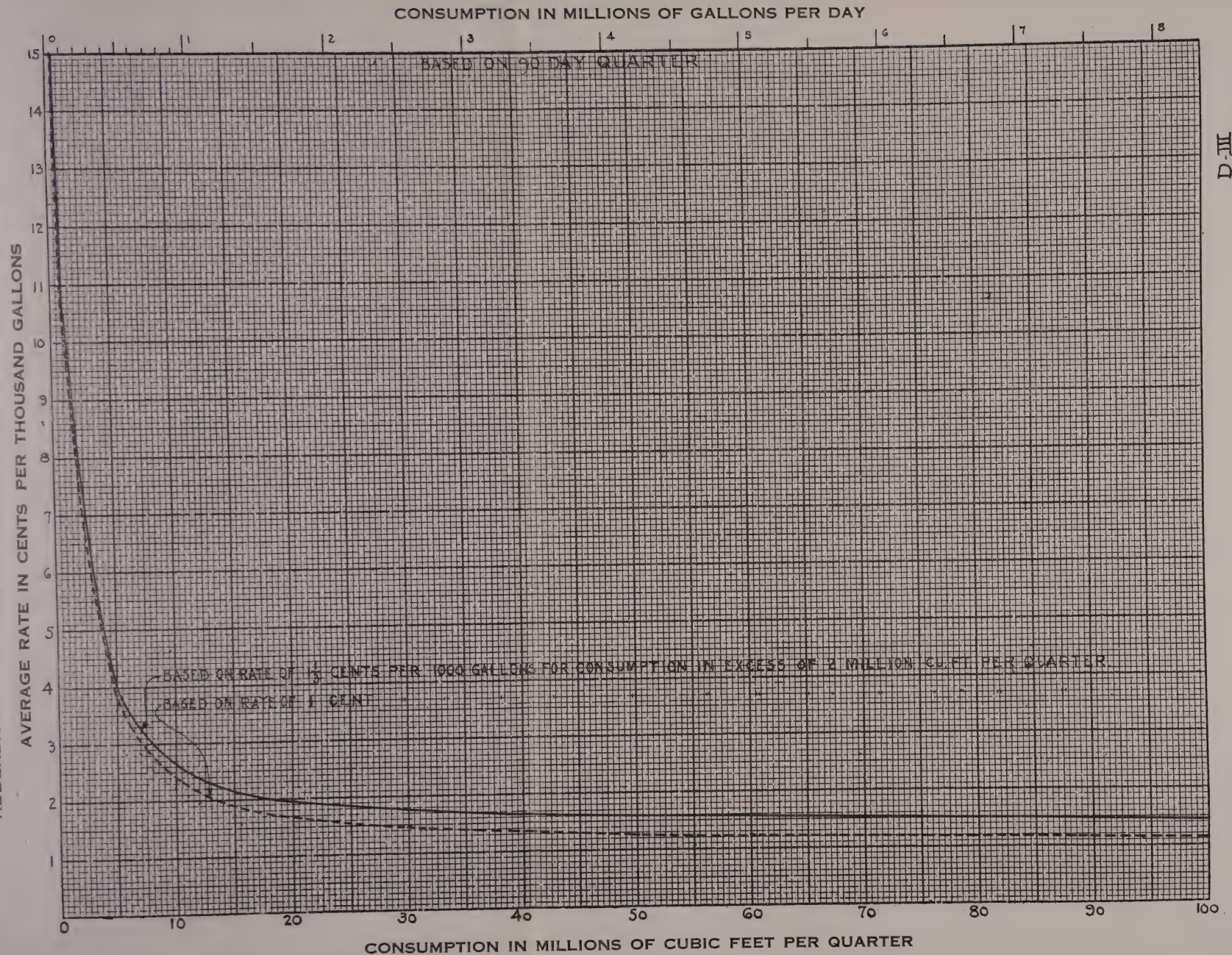
Sixty-two service pipes have been laid and six of those previously laid have been removed. The number in use is 19,156.

Two hundred sixty-five taps have been cleaned as follows: Rust, 232; sediment, 1;; trouble inside, 32.

One hundred seven meters have been set and eighty-four of those previously set have been removed. The total number in use is 18,086.

This number of meters may be divided as follows:

| | | |
|------------------------------|--------|--------|
| Manufacturing supplies | 301 | |
| Domestic supplies | 17,785 | 18,086 |



CONSUMPTION OF WATER

| Month | Monthly Consumption | | | | Daily Average Consumption |
|-----------|---------------------|------------|------------|---------------|---------------------------|
| | New Bedford | Dartmouth | Acushnet | Total | |
| | Gallons | Gallons | Gallons | Gallons | Gallons |
| 1927 | | | | | |
| December | 270,057,750 | 3,732,000 | 2,600,250 | 276,390,000 | 8,915,807 |
| 1928 | | | | | |
| January | 260,716,190 | 3,640,500 | 2,441,250 | 266,797,940 | 8,606,385 |
| February | 249,388,530 | 3,348,750 | 2,443,500 | 255,180,780 | 7,799,337 |
| March | 257,152,220 | 3,305,250 | 3,170,250 | 263,627,720 | 8,504,120 |
| April | 225,376,280 | 3,615,750 | 3,278,250 | 232,270,280 | 7,742,342 |
| May | 211,591,560 | 3,456,750 | 3,072,750 | 218,121,060 | 7,036,163 |
| June | 211,271,986 | 4,171,500 | 2,505,000 | 217,948,486 | 7,264,949 |
| July | 227,430,404 | 4,359,750 | 2,484,000 | 234,274,154 | 7,557,231 |
| August | 254,159,884 | 5,458,500 | 2,756,250 | 262,374,634 | 8,463,698 |
| September | 228,201,487 | 4,060,500 | 2,400,750 | 234,662,737 | 7,822,091 |
| October | 264,224,147 | 3,984,000 | 2,578,500 | 270,786,647 | 8,735,053 |
| November | 260,169,221 | 3,486,750 | 2,323,500 | 265,979,471 | 8,865,982 |
| Totals | 2,919,739,659 | 46,620,000 | 32,054,250 | 2,998,413,909 | |
| Averages | | | | 249,867,825 | 8,192,388 |

Maximum daily consumption—February 20th.....13,258,120 gallons

Minimum daily consumption—May 20th..... 4,727,980 gallons

Average day consumption—6. A. M. to 6. P. M. 5,155,968 gallons

Average night consumption—6 P. M. to 6 A. M. 3,036,420 gallons

Amount of water consumed shown on above tables includes the supplying of about 40,5217 miles of distribution pipes located in the adjoining towns of Dartmouth and Acushnet. Dartmouth supplies 6,255 consumers through 1,247 taps. Acushnet supplies 3,335 consumers through 576 taps.

COMPARISON OF THE CONSUMPTION OF THE YEAR 1928 WITH THE
RECORD OF THE 46 PREVIOUS YEARS.

| Year | Estimated Population | Estimated number of consumers | Number of taps | Total number of gallons consumed | Average daily consumption | Gallons per day to each inhabitant | Gallons per day to each consumer | Gallons per day to each tap | Number of meters |
|------|-------------------------|----------------------------------|----------------|-------------------------------------|------------------------------|---------------------------------------|-------------------------------------|--------------------------------|------------------|
| 1882 | 28,500 | 20,424 | 4,203 | 859,119,622 | 2,326,352 | 82 | 114 | 553 | 41 |
| 1883 | 30,000 | 22,249 | 4,465 | 849,059,700 | 2,326,191 | 78 | 105 | 521 | 49 |
| 1884 | 33,000 | 23,749 | 4,691 | 867,815,595 | 2,371,080 | 72 | 100 | 506 | 60 |
| 1885 | 33,700 | 25,375 | 4,965 | 1,049,801,050 | 2,876,167 | 85 | 113 | 579 | 67 |
| 1886 | 34,500 | 28,480 | 5,225 | 1,086,534,615 | 2,976,807 | 86 | 104 | 569 | 82 |
| 1887 | 36,000 | 30,080 | 5,495 | 1,112,302,789 | 3,047,404 | 85 | 101 | 555 | 102 |
| 1888 | 37,500 | 31,826 | 5,785 | 1,229,841,794 | 3,360,223 | 89 | 109 | 581 | 108 |
| 1889 | 40,000 | 34,000 | 6,104 | 1,310,488,214 | 3,590,379 | 90 | 106 | 588 | 120 |
| 1890 | 41,500 | 35,740 | 6,394 | 1,485,143,213 | 4,066,200 | 98 | 114 | 636 | 123 |
| 1891 | 45,000 | 38,500 | 6,742 | 1,513,161,482 | 4,145,648 | 92 | 108 | 615 | 135 |
| 1892 | 50,000 | 41,776 | 7,134 | 1,607,955,166 | 4,393,320 | 88 | 105 | 616 | 144 |
| 1893 | 55,000 | 44,158 | 7,531 | 1,824,275,536 | 4,998,015 | 99 | 113 | 664 | 172 |
| 1894 | 56,000 | 44,661 | 7,767 | 1,747,167,532 | 4,786,760 | 85 | 107 | 616 | 221 |
| 1895 | 56,300 | 46,154 | 8,027 | 1,719,830,979 | 4,711,866 | 84 | 102 | 587 | 254 |
| 1896 | 59,000 | 48,570 | 8,447 | 1,924,800,313 | 5,259,017 | 89 | 108 | 623 | 366 |
| 1897 | 60,000 | 50,000 | 8,860 | 2,071,702,478 | 5,675,897 | 95 | 113 | 641 | 621 |
| 1898 | 58,000 | 50,000 | 9,014 | 2,156,277,643 | 5,907,610 | 102 | 118 | 655 | 734 |
| 1899 | 58,000 | 50,000 | 9,151 | 2,261,115,500 | 6,194,837 | 107 | 124 | 677 | 1,098 |
| 1900 | 62,500 | 55,000 | 9,280 | 2,306,997,774 | 6,320,542 | 101 | 115 | 681 | 1,429 |
| 1901 | 65,000 | 57,000 | 9,447 | 2,150,199,262 | 5,890,957 | 91 | 103 | 624 | 1,566 |
| 1902 | 70,000 | 61,000 | 9,612 | 2,325,807,038 | 6,372,074 | 91 | 104 | 663 | 1,771 |
| 1903 | 72,000 | 62,000 | 9,927 | 2,535,280,580 | 6,945,974 | 96 | 112 | 700 | 1,954 |
| 1904 | 73,000 | 63,000 | 10,166 | 2,570,360,614 | 7,001,520 | 96 | 111 | 689 | 2,145 |
| 1905 | 75,000 | 66,000 | 10,477 | 2,586,640,683 | 7,093,187 | 95 | 107 | 677 | 2,434 |
| 1906 | 83,000 | 76,000 | 10,764 | 2,524,786,872 | 6,916,880 | 83 | 91 | 643 | 2,803 |
| 1907 | 88,000 | 81,000 | 11,107 | 2,711,824,444 | 7,435,572 | 84 | 91 | 670 | 3,196 |
| 1908 | 89,000 | 82,000 | 11,516 | 2,740,666,728 | 7,488,160 | 84 | 91 | 653 | 3,628 |
| 1909 | 95,000 | 88,000 | 12,043 | 2,727,327,230 | 7,472,129 | 79 | 85 | 621 | 4,572 |
| 1910 | 99,000 | 92,000 | 12,769 | 2,870,478,148 | 7,864,323 | 79 | 85 | 616 | 6,106 |
| 1911 | 102,700 | 96,000 | 13,311 | 2,910,369,438 | 7,973,615 | 78 | 83 | 599 | 8,206 |
| 1912 | 103,000 | 97,000 | 13,643 | 3,030,739,034 | 8,280,707 | 80 | 85 | 607 | 9,998 |
| 1913 | 104,000 | 99,000 | 14,055 | 2,832,828,204 | 7,761,173 | 75 | 78 | 552 | 12,340 |
| 1914 | 108,000 | 103,000 | 14,407 | 2,712,726,402 | 7,432,127 | 69 | 72 | 516 | 13,788 |
| 1915 | 110,000 | 107,000 | 14,770 | 2,791,655,778 | 7,648,372 | 70 | 71 | 518 | 14,140 |
| 1916 | 113,000 | *111,120 | *15,350 | *3,122,164,926 | *8,530,505 | *75 | *77 | *556 | 14,481 |
| 1917 | 115,000 | *113,485 | *15,590 | *3,390,054,126 | *9,287,819 | *81 | *82 | *596 | 14,728 |
| 1918 | 119,500 | *118,140 | *15,704 | *3,562,182,920 | *9,759,405 | *82 | *83 | *621 | 14,852 |
| 1919 | 122,000 | *123,290 | *16,020 | *3,522,543,626 | *9,650,557 | *78 | *78 | *602 | 15,019 |
| 1920 | *131,350 | *130,350 | *16,546 | *3,724,480,204 | *10,204,055 | *78 | *78 | *617 | 15,316 |
| 1921 | *133,818 | *133,085 | *17,062 | *3,454,210,228 | *9,463,589 | *71 | *71 | *554 | 15,659 |
| 1922 | *135,775 | *135,075 | *18,040 | *3,939,120,548 | *10,792,111 | *71 | *80 | *598 | 16,194 |
| 1923 | *141,707 | *140,950 | *19,027 | ‡*3,663,170,860 | *10,967,577 | *77 | *78 | *576 | 16,870 |
| 1924 | *145,000 | *144,300 | *19,802 | *3,558,938,246 | *9,750,515 | *67 | *68 | *492 | 17,120 |
| 1925 | *146,800 | *146,100 | *20,477 | *3,456,787,024 | *9,470,649 | *65 | *65 | *462 | 17,569 |
| 1926 | *140,400 | *139,500 | *20,703 | *3,331,226,040 | *9,126,646 | *65 | *65 | *445 | 17,971 |
| 1927 | *134,425 | *133,525 | *20,886 | *3,284,861,320 | *8,999,620 | *67 | *67 | *431 | 18,063 |
| 1928 | *128,327 | *127,427 | *20,979 | *2,998,413,409 | *8,214,332 | *64 | *64 | *392 | 18,086 |

*Includes population supplied in towns of Dartmouth and Acushnet; 1,823 taps, 9,590 consumers.

‡This consumption is for eleven months.

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The consumption for the year may be summarized as follows:—

| | Gallons | Average Daily | Gallons Per Cap. | Gallons Per Meter | % of T't'l |
|---|---------------|---------------|------------------|-------------------|------------|
| Manufacturing use metered (No allowance for under registration) | 1,074,426,400 | 2,935,591 | 22.9 | 9,758 | 35.7 |
| All other metered use (No allowance for under registration) | 1,477,529,400 | 4,036,966 | 31.4 | 227 | 49.2 |
| Leaks, flushing, fires under registration of meters and all other unmetered | 446,458,109 | 1,219,831 | 9.5 | 67 | 15.1 |
| Totals | 2,998,413,909 | 8,192,388 | 63.8 | 453 | 100.0 |

The percentage of pumpage accounted for by meters compares favorably with other years and also with other cities.

The consumption of water has been decreasing for the past six years. It is now the lowest since 1915.

The receipts for water are the lowest since 1921, having been decreasing for the past four years.

For the past two years there has been before the Legislature a bill authorizing cities and towns to assess a part of the cost of laying main pipes in streets, upon abutting property which is benefitted by such extension. This bill has been favored by most of the cities and towns in the state including New Bedford and by the New England Water Works Association. It has not been passed and another attempt will be made this year to obtain legislation permitting such assessment.

By direction of your Board the writer has prepared and submitted to you a report on the question of supplying a considerably increased consumption and of making a low rate for large consumers. A copy of this report is appended (Appendix II.)

Respectfully submitted,

STEPHEN H. TAYLOR,

Superintendent.

TABLE A
WATER ANALYSIS — STATE BOARD OF HEALTH
PARTS IN 100,000

| Number | Date of Collection | APPEARANCE | | | RESIDUE ON EVAPORATION | | | AMMONIA | | | | Chlorine | Hardness | Iron |
|---------|-----------------------|------------|-----------|-------|---------------------------|---------------------|-------|---------|------------|------------------|--------------------|----------|----------|------|
| | | Turbidity | Sediment | Color | Total | Loss on Ignition | Fixed | Free | Albuminoid | | | | | |
| | | | | | | | | | Total | In Solu- tion | In Sus- pension | | | |
| 202161* | 1927 Dec. | None | V. Slight | .64 | 4.00 | 1.50 | 2.50 | .0040 | .0216 | .0210 | .0006 | .52 | 0.6 | .015 |
| 202787* | 1928 Jan. 30 | V. Slight | V. Slight | .65 | 4.80 | 1.90 | 2.90 | .0010 | .0164 | .0138 | .0026 | .54 | 1.0 | .017 |
| 203195* | Feb. 20 | None | V. Slight | .68 | 4.30 | 1.65 | 2.65 | .0024 | .0140 | .0126 | .0014 | .49 | 1.0 | .017 |
| 203802* | Mar. 19 | V. Slight | V. Slight | .60 | 4.55 | 1.75 | 2.80 | .0018 | .0142 | .0130 | .0012 | .50 | 0.6 | .013 |
| 204275* | Apr. 16 | V. Slight | V. Slight | .57 | 4.15 | 1.60 | 2.55 | .0020 | .0154 | .0130 | .0024 | .48 | 1.3 | .014 |
| 204836* | May 21 | None | V. Slight | .60 | 4.05 | 1.65 | 2.40 | .0016 | .0144 | .0132 | .0012 | .50 | 1.0 | .016 |
| 204837† | May 21 | V. Slight | Slight | .60 | 4.55 | 1.80 | 2.75 | .0020 | .0160 | .0126 | .0034 | .47 | 0.8 | .013 |
| 205485* | June 18 | V. Slight | V. Slight | .58 | 4.80 | 1.95 | 2.85 | .0012 | .0162 | .0140 | .0022 | .48 | 0.8 | .011 |
| 205486† | June 18 | V. Slight | V. Slight | .60 | 4.10 | 1.75 | 2.35 | .0042 | .0230 | .0152 | .0078 | .48 | 1.0 | .013 |
| 206290* | July 23 | V. Slight | V. Slight | .45 | 4.00 | 1.80 | 2.20 | .0022 | .0164 | .0154 | .0010 | .51 | 0.6 | .010 |
| 206291† | July 23 | V. Slight | Slight | .50 | 3.50 | 1.75 | 1.75 | .0036 | .0190 | .0150 | .0040 | .48 | 0.8 | .010 |
| 207131* | Aug. 20 | V. Slight | V. Slight | .44 | 3.90 | 1.65 | 2.25 | .0012 | .0174 | .0146 | .0028 | .48 | 0.8 | .017 |
| 207132† | Aug. 20 | V. Slight | V. Slight | .43 | 4.00 | 1.90 | 2.10 | .0012 | .0210 | .0170 | .0040 | .48 | 0.5 | .017 |
| 207987† | Sept. 17 | None | V. Slight | .38 | 4.45 | 1.90 | 2.55 | .0032 | .0168 | .0156 | .0012 | .49 | 0.5 | .012 |
| 207986* | Sept. 17 | None | V. Slight | .36 | 4.45 | 1.85 | 2.60 | .0012 | .0164 | .0148 | .0016 | .49 | 0.8 | .015 |
| 208738* | Oct. 15 | V. Slight | V. Slight | .35 | 4.00 | 1.65 | 2.35 | .0016 | .0272 | .0252 | .0020 | .49 | 0.8 | .012 |
| 209538* | Nov. 20 | V. Slight | V. Slight | .35 | 3.90 | 1.60 | 2.30 | .0012 | .0160 | .0130 | .0030 | .56 | 0.8 | .014 |

These Samples were collected from

*Surface

†Bottom

Scale of color—0—Colorless

1—Yellowish Brown Tint.

2—Deep Yellowish Brown Tint.

TABLE B
WATER ANALYSIS — STATE BOARD OF HEALTH
PARTS IN 100,000

WATER REPORT

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| Number | Date of Collection | APPEARANCE | | RESIDUE ON EVAPORATION | | | AMMONIA | | | | Chlorine | Hardness | Iron | |
|---------|--------------------|------------|-----------|------------------------|-------|------------------|---------|-------|------------|-------------|----------|----------|------|---------------|
| | | Turbidity | Sediment | Color | Total | Loss on Ignition | Fixed | Free | Albuminoid | | | | | |
| | | | | | | | | | Total | In Solution | | | | In Suspension |
| 202160* | 1927 Dec. | V. Slight | V. Slight | .40 | 4.30 | 1.65 | 2.65 | .0036 | .0150 | .0128 | .0022 | .51 | 0.8 | .026 |
| 202788* | 1928 Jan. | V. Slight | V. Slight | .40 | 4.70 | 1.85 | 2.85 | .0018 | .0140 | .0124 | .0016 | .54 | 1.3 | .015 |
| 203193* | Feb. 20 | V. Slight | Slight | .40 | 4.20 | 1.65 | 2.55 | .0042 | .0134 | .0122 | .0012 | .46 | 1.1 | .018 |
| 203194* | Feb. 20 | V. Slight | Slight | .36 | 4.55 | 1.75 | 2.80 | .0038 | .0144 | .0130 | .0014 | .50 | 1.0 | .027 |
| 203800* | Mar. 19 | V. Slight | V. Slight | .35 | 4.55 | 1.70 | 2.85 | .0028 | .0150 | .0136 | .0014 | .47 | 1.1 | .025 |
| 203801* | Mar. 19 | V. Slight | V. Slight | .39 | 3.75 | 1.30 | 2.45 | .0028 | .0170 | .0136 | .0034 | .49 | 1.1 | .025 |
| 204273* | Apr. 16 | V. Slight | Slight | .37 | 4.15 | 1.65 | 2.50 | .0014 | .0138 | .0118 | .0020 | .48 | 1.1 | .013 |
| 204274* | Apr. 16 | V. Slight | Slight | .35 | 3.85 | 1.50 | 2.35 | .0036 | .0136 | .0122 | .0014 | .48 | 1.3 | .014 |
| 204338* | May 21 | V. Slight | V. Slight | .27 | 4.25 | 1.70 | 2.55 | .0026 | .0134 | .0118 | .0016 | .47 | 1.1 | .023 |
| 204339† | May 21 | V. Slight | Slight | .25 | 4.05 | 1.50 | 2.55 | .0022 | .0136 | .0128 | .0008 | .46 | 1.3 | .024 |
| 204340* | May 21 | V. Slight | V. Slight | .25 | 4.10 | 1.65 | 2.45 | .0070 | .0138 | .0130 | .0008 | .46 | 1.3 | .020 |
| 204841† | May 21 | V. Slight | Slight | .25 | 4.60 | 1.80 | 2.80 | .0080 | .0146 | .0124 | .0022 | .48 | 1.4 | .018 |
| 205487* | June 18 | V. Slight | V. Slight | .30 | 4.70 | 1.65 | 3.05 | .0016 | .0174 | .0132 | .0042 | .50 | 1.4 | .014 |
| 205488† | June 18 | V. Slight | V. Slight | .23 | 4.35 | 2.00 | 2.35 | .0016 | .0164 | .0132 | .0032 | .47 | 1.4 | .013 |
| 205489* | June 18 | V. Slight | V. Slight | .25 | 4.80 | 1.55 | 3.25 | .0012 | .0150 | .0138 | .0012 | .49 | 1.3 | .013 |
| 205490† | June 18 | V. Slight | Slight | .27 | 4.70 | 2.10 | 2.60 | .0016 | .0172 | .0146 | .0026 | .48 | 0.8 | .014 |
| 206286* | July 23 | V. Slight | V. Slight | .30 | 4.60 | 2.00 | 2.60 | .0054 | .0196 | .0186 | .0010 | .48 | 1.0 | .020 |

TABLE B—Continued

| Number | Date of Collection | APPEARANCE | | RESIDUE ON EVAPORATION | | | AMMONTA | | | | Chlorine | Hardness | Iron | |
|-----------|--------------------|------------|-----------|------------------------|-------|------------------|---------|-------|------------|------------------|----------|----------|------|--------------------|
| | | Turbidity | Sediment | Color | Total | Loss on Ignition | Fixed | Free | Albuminoid | | | | | |
| | | | | | | | | | Total | In Solu- tion | | | | In Sus- pension |
| E 206287† | July 23 | V. Slight | Slight | .32 | 4.35 | 1.70 | 2.65 | .0056 | .0176 | .0154 | .0022 | .49 | 1.1 | .017 |
| W 206288* | July 23 | V. Slight | Slight | .30 | 3.80 | 1.55 | 2.25 | .0050 | .0168 | .0138 | .0030 | .45 | 0.8 | .023 |
| W 206289† | July 23 | V. Slight | V. Slight | .30 | 4.30 | 1.45 | 2.85 | .0042 | .0210 | .0140 | .0070 | .49 | 1.0 | .013 |
| E 207133* | Aug. 20 | V. Slight | V. Slight | .25 | 4.05 | 1.75 | 2.30 | .0018 | .0204 | .0164 | .0040 | .47 | 0.8 | .018 |
| E 207134† | Aug. 20 | V. Slight | V. Slight | .25 | 3.95 | 1.60 | 2.35 | .0018 | .0206 | .0134 | .0072 | .47 | 0.8 | .025 |
| W 207135* | Aug. 20 | V. Slight | V. Slight | .25 | 4.00 | 1.35 | 2.65 | .0018 | .0184 | .0142 | .0042 | .48 | 1.0 | .020 |
| W 207136† | Aug. 20 | V. Slight | V. Slight | .27 | 4.05 | 1.75 | 2.30 | .0014 | .0164 | .0134 | .0030 | .46 | 0.8 | .016 |
| E 207982* | Sept. 17 | None | V. Slight | .20 | 3.85 | 1.50 | 2.35 | .0016 | .0154 | .0150 | .0004 | .47 | 1.0 | .017 |
| E 207983† | Sept. 17 | None | V. Slight | .22 | 4.00 | 1.50 | 2.50 | .0030 | .0178 | .0142 | .0036 | .49 | 0.8 | .016 |
| W 207984* | Sept. 17 | V. Slight | V. Slight | .20 | 4.00 | 1.70 | 2.30 | .0008 | .0208 | .0182 | .0026 | .49 | 0.8 | .016 |
| W 207985† | Sept. 17 | None | V. Slight | .22 | 3.30 | 1.40 | 1.90 | .0012 | .0158 | .0150 | .0008 | .47 | 0.8 | .017 |
| E 208736* | Oct. 15 | V. Slight | None | .23 | 4.20 | 1.85 | 2.35 | .0012 | .0174 | .0160 | .0014 | .50 | 0.8 | .014 |
| W 208737* | Oct. 15 | V. Slight | V. Slight | .24 | 4.75 | 2.00 | 2.75 | .0010 | .0140 | .0140 | .0000 | .53 | 0.8 | .012 |
| E 209536* | Nov. 20 | V. Slight | V. Slight | .25 | 4.00 | 1.65 | 2.35 | .0008 | .0154 | .0126 | .0028 | .56 | 0.8 | .014 |
| W 209537* | Nov. 20 | V. Slight | V. Slight | .24 | 3.95 | 1.60 | 2.35 | .0002 | .0148 | .0144 | .0004 | .56 | 0.8 | .013 |

These samples were collected from

Little Quittacas Pond

*Surface †Bottom

E. From East Intake.

W. From West Intake.

Scale of color—0—Colorless.

1—Yellowish Brown Tint.

2—Deep Yellowish Brown Tint.

TABLE C
WATER ANALYSIS — STATE BOARD OF HEALTH
PARTS IN 100,000

| Number | Date of Collection | APPEARANCE | | RESIDUE ON EVAPORATION | | | AMMONIA | | | | Chlorine | Hardness | Iron | |
|--------|--------------------|------------|-----------|------------------------|-------|------------------|---------|-------|------------|---------------|----------|----------|------|-----------------|
| | | Turbidity | Sediment | Color | Total | Loss on Ignition | Fixed | Free | Albuminoid | | | | | |
| | | | | | | | | | Total | In Solu- tion | | | | In Sus- pension |
| | | | | | | | | | | | | | | |
| 202789 | 1928 Jan. 30 | V. Slight | V. Slight | .60 | 4.90 | 1.95 | 2.95 | .0018 | .0156 | .0136 | .0020 | .75 | 1.0 | .019 |
| 203196 | Feb. 20 | V. Slight | V. Slight | .58 | 4.60 | 1.75 | 2.85 | .0022 | .0126 | .0122 | .0004 | .50 | 1.1 | .016 |
| 203799 | Mar. 19 | V. Slight | V. Slight | .55 | 3.85 | 1.30 | 2.55 | .0020 | .0162 | .0140 | .0022 | .50 | 0.6 | .017 |
| 204277 | Apr. 16 | V. Slight | V. Slight | .55 | 4.50 | 1.80 | 2.70 | .0014 | .0140 | .0130 | .0010 | .47 | 1.6 | .017 |
| 204843 | May 21 | V. Slight | Slight | .54 | 4.25 | 1.70 | 2.55 | .0026 | .0162 | .0132 | .0030 | .47 | 1.0 | .015 |
| 205484 | June 18 | V. Slight | V. Slight | .45 | 4.20 | 1.80 | 2.40 | .0020 | .0154 | .0134 | .0020 | .48 | 0.8 | .012 |
| 206293 | July 23 | V. Slight | Slight | .35 | 3.95 | 1.70 | 2.25 | .0028 | .0198 | .0166 | .0032 | .49 | 0.5 | .009 |
| 207137 | Aug. 20 | V. Slight | V. slight | .25 | 3.75 | 1.60 | 2.15 | .0020 | .0180 | .0130 | .0050 | .48 | 0.5 | .018 |
| 207989 | Sept. 17 | V. Slight | V. Slight | .21 | 2.95 | 1.45 | 1.50 | .0008 | .0158 | .0134 | .0024 | .49 | 0.5 | .020 |
| 208740 | Oct. 15 | V. Slight | V. Slight | .24 | 3.70 | 1.45 | 2.25 | .0014 | .0154 | .0136 | .0018 | .53 | 0.8 | .010 |
| 209540 | Nov. 20 | V. Slight | V. Slight | .20 | 4.15 | 1.75 | 2.40 | .0036 | .0200 | .0162 | .0038 | .53 | 0.5 | .016 |

These samples were collected from
Pocksha Pond

Scale of color—0—Colorless.

1—Yellowish Brown Tint.

2—Deep Yellowish Brown Tint.

TABLE D
WATER ANALYSIS — STATE BOARD OF HEALTH
PARTS IN 100,000

| Number | Date of Collection | APPEARANCE | | | RESIDUE ON EVAPORATION | | | AMMONIA | | | | Chlorine | Hardness | Iron |
|--------|--------------------|------------|-----------|-------|------------------------|------------------|-------|---------|-------|-------------|---------------|----------|----------|------|
| | | Turbidity | Sediment | Color | Total | Loss on Ignition | Fixed | Free | Total | In Solution | In Suspension | | | |
| 202786 | Jan. 30 | V. Slight | Slight | 1.10 | 4.65 | 1.80 | 2.85 | .0018 | .0152 | .0134 | .0018 | .50 | 1.0 | .026 |
| 203192 | Feb. 20 | V. Slight | V. Slight | 1.00 | 4.45 | 1.80 | 2.65 | .0030 | .0150 | .0136 | .0014 | .47 | 0.6 | .027 |
| 203798 | Mar. 19 | V. Slight | V. Slight | .92 | 4.50 | 1.80 | 2.70 | .0020 | .0186 | .0116 | .0070 | .46 | 0.6 | .037 |

These samples were collected from
Long Pond

Scale of Color—0—Colorless.

1—Yellowish Brown Tint.
2—Deep Yellowish Brown Tint.

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TABLE E

RECORD OF RAINFALL AT QUITTACAS PUMPING STATION, 1928

| Date | 1927 Dec. | 1928 Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. |
|------|--------------|--------------|------|------|------|------|------|------|------|-------|------|------|
| 1 | | | | | | .15 | .31 | .45 | .01 | | | .07 |
| 2 | .84 | | | | | | .09 | | | .17 | | .47 |
| 3 | .01 | | | | .02 | | | | | 1.50 | | .03 |
| 4 | .96 | | | | | | 1.10 | | | | .11 | |
| 5 | | | | | | | .41 | .94 | .97 | | | |
| 6 | | | | | | | .13 | .08 | .07 | .27 | | |
| 7 | .32 | | .98 | | .09 | | | | | | | .41 |
| 8 | .79 | .17 | .45 | | | .04 | | | | | | |
| 9 | | .08 | .21 | 1.47 | | .10 | .14 | | | | .03 | |
| 10 | | | | | | .02 | | .16 | .05 | | | |
| 11 | .17 | | | .13 | .19 | | | .26 | .58 | | | |
| 12 | .05 | | | .03 | | | | | | | | |
| 13 | .58 | .13 | | .09 | | | | .74 | | .03 | .14 | |
| 14 | | .04 | .87 | 1.19 | .25 | | .16 | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | .96 | .37 | | | | | | | | | | .02 |
| 17 | | | .37 | .16 | | | | | | | | .01 |
| 18 | | | .11 | .29 | | .22 | .67 | | .05 | .06 | .71 | .12 |
| 19 | | .91 | | | .03 | .18 | .10 | .02 | | 1.99 | .48 | .23 |
| 20 | | | | | | | | .61 | | | | .05 |
| 21 | | | | | .42 | | .03 | | | | | |
| 22 | | | .58 | .07 | .77 | | .18 | .81 | | | | |
| 23 | | | .14 | | .85 | | .04 | | | | .47 | |
| 24 | | 1.53 | | | .14 | .27 | | | | | | |
| 25 | | | | | .02 | .03 | | | .28 | .41 | | .01 |
| 26 | | | | | | .23 | | | | | | |
| 27 | | | | | 1.08 | .06 | .06 | .06 | | .02 | .04 | |
| 28 | | | | | .26 | | | .40 | .02 | | .11 | |
| 29 | .25 | .47 | .17 | .22 | | | .46 | | .05 | | | 1.04 |
| 30 | | .04 | | .80 | .16 | | 1.03 | | .24 | .17 | | |
| 31 | .52 | .01 | | | | | | | .02 | | | |
| T'tl | 5.45 | 3.75 | 3.88 | 4.45 | 4.28 | 1.30 | 4.91 | 4.53 | 2.34 | 4.62 | 2.09 | 2.46 |

Total fall for the year—44.06 inches.

TABLE F
RAINFALL AT THE QUITTACAS PUMPING STATION FOR THE PAST THIRTY FOUR YEARS
ENDING NOV. 30, 1928

MONTHS

| YEARS | Dec. | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Totals |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 1895 | 5.71 | 3.46 | 1.07 | 3.60 | 4.57 | 4.24 | 2.11 | 3.11 | 2.49 | 1.47 | 6.38 | 4.41 | 42.62 |
| 1896 | 3.12 | 2.28 | 3.94 | 6.43 | 1.06 | 2.76 | 5.29 | 3.07 | 3.81 | 8.23 | 4.41 | 3.81 | 48.31 |
| 1897 | 2.84 | 4.50 | 2.70 | 2.96 | 3.88 | 5.31 | 2.70 | 3.79 | 5.80 | 1.29 | 1.18 | 7.71 | 44.66 |
| 1898 | 4.29 | 4.29 | 6.47 | 3.16 | 5.27 | 1.54 | 1.22 | 5.69 | 6.80 | 1.25 | 10.16 | 7.81 | 61.95 |
| 1899 | 2.10 | 6.27 | 6.83 | 8.25 | 1.90 | 6.63 | 3.51 | 2.94 | 2.24 | 7.27 | 2.22 | 2.21 | 47.77 |
| 1900 | 1.77 | 4.96 | 6.10 | 4.25 | 2.27 | 5.47 | 1.41 | 2.28 | 1.76 | 3.05 | 5.46 | 7.81 | 42.55 |
| 1901 | 2.70 | 2.36 | 1.05 | 7.78 | 6.65 | 8.47 | 1.92 | 3.45 | 2.75 | 3.09 | 5.46 | 1.99 | 45.06 |
| 1902 | 9.52 | 2.22 | 5.88 | 6.27 | 3.85 | 1.05 | 4.10 | 2.06 | 1.29 | 3.65 | 4.78 | 1.72 | 46.39 |
| 1903 | 5.14 | 4.14 | 6.26 | 8.13 | 5.77 | .91 | 4.84 | 2.12 | 3.75 | 1.19 | 4.64 | 2.71 | 49.60 |
| 1904 | 3.84 | 2.83 | 4.04 | 2.42 | 9.28 | 3.40 | 4.38 | 1.88 | 4.38 | 2.66 | 1.86 | 2.36 | 43.13 |
| 1905 | 3.34 | 2.71 | 2.31 | 2.46 | 1.99 | 1.95 | 7.76 | 2.66 | 3.84 | 5.89 | 2.14 | 2.64 | 39.70 |
| 1906 | 4.67 | 3.88 | 4.86 | 1.74 | 1.62 | 5.01 | 3.86 | 4.39 | 1.71 | 3.62 | 3.35 | 2.87 | 43.98 |
| 1907 | 3.62 | 3.31 | 4.32 | 3.74 | 3.47 | 4.17 | 2.04 | 2.56 | 1.62 | 7.43 | 8.04 | 1.41 | 43.20 |
| 1908 | 5.92 | 2.54 | 4.32 | 4.08 | 2.14 | 3.02 | 1.96 | 1.11 | 2.23 | 1.47 | 2.07 | 1.41 | 43.20 |
| 1909 | 4.46 | 4.38 | 5.92 | 1.28 | 6.51 | 3.19 | 4.56 | 2.89 | 2.42 | 4.40 | 2.46 | 4.69 | 43.52 |
| 1910 | 9.98 | 2.49 | 5.19 | 1.24 | 3.80 | 1.39 | 2.14 | 5.12 | 4.06 | 1.96 | 7.40 | 7.40 | 35.15 |
| 1911 | 3.12 | 2.75 | 2.63 | 3.74 | 2.67 | 4.13 | 1.28 | 5.12 | 4.88 | 2.98 | 2.37 | 4.27 | 42.40 |
| 1912 | 3.50 | 2.42 | 3.74 | 3.34 | 3.34 | 1.75 | 1.32 | 2.87 | 3.11 | 2.33 | 1.42 | 2.75 | 37.77 |
| 1913 | 6.62 | 5.01 | 3.48 | 3.68 | 4.43 | 2.65 | 1.95 | 4.80 | 2.60 | 1.00 | 2.51 | 3.31 | 49.24 |
| 1914 | 4.36 | 3.42 | 3.86 | 2.51 | 2.51 | 2.49 | 1.64 | 5.69 | 7.38 | 2.11 | 3.95 | 1.98 | 46.89 |
| 1915 | 10.07 | 1.85 | 4.21 | 3.92 | 4.21 | 4.66 | 4.85 | 11.12 | 1.25 | 1.52 | 3.09 | 3.21 | 48.22 |
| 1916 | 4.52 | 3.19 | 1.97 | 5.92 | 4.69 | 5.05 | 5.35 | 1.72 | 3.57 | 2.75 | 4.97 | 1.15 | 42.42 |
| 1917 | 3.09 | 3.38 | 4.50 | 1.65 | 5.01 | 1.87 | 3.40 | 3.30 | 2.06 | 3.85 | .73 | 2.40 | 34.22 |
| 1918 | 2.07 | 5.48 | 3.91 | 4.97 | 3.37 | 4.27 | 2.42 | 5.59 | 7.94 | 6.06 | 1.78 | 4.23 | 53.72 |
| 1919 | 3.70 | 3.40 | 5.64 | 5.89 | 5.31 | 5.24 | 8.12 | 1.88 | 2.55 | 1.93 | 2.90 | 3.93 | 49.27 |
| 1920 | 4.06 | 3.35 | 2.64 | 3.87 | 4.84 | 4.58 | 3.53 | 9.23 | 2.39 | 1.85 | 1.49 | 7.73 | 49.56 |
| 1921 | 2.82 | 2.12 | 3.52 | 6.45 | 1.96 | 4.31 | 6.24 | 4.33 | 11.37 | 1.94 | 3.32 | 1.13 | 50.21 |
| 1922 | 5.70 | 6.39 | 1.74 | 5.01 | 6.70 | 1.33 | 3.67 | 2.66 | 2.32 | 1.96 | 3.94 | 1.98 | 40.62 |
| 1923 | 3.24 | 4.70 | 3.25 | 2.81 | 6.70 | 2.41 | 2.64 | 1.21 | 8.89 | 3.41 | .16 | 1.75 | 43.63 |
| 1924 | 2.95 | 3.73 | 2.26 | 3.98 | 2.41 | 3.34 | 3.24 | 3.90 | 1.44 | 4.39 | 4.50 | 4.52 | 40.18 |
| 1925 | 3.47 | 2.84 | 6.28 | 3.28 | 2.46 | 2.94 | 3.30 | 2.79 | 3.47 | 1.12 | 8.15 | 4.81 | 45.39 |
| 1926 | 3.61 | 3.33 | 3.36 | 1.65 | 1.56 | 2.15 | 2.31 | 4.87 | 10.95 | 2.66 | 3.83 | 5.21 | 45.49 |
| 1927 | 5.45 | 3.75 | 3.88 | 4.45 | 4.28 | 1.30 | 4.91 | 4.53 | 2.34 | 4.62 | 2.09 | 2.46 | 44.06 |
| Totals | 136.08 | 131.80 | 134.32 | 146.96 | 136.48 | 116.32 | 114.54 | 123.15 | 134.40 | 127.89 | 127.89 | 123.56 | 1531.46 |
| Averages | 4.002 | 3.876 | 3.950 | 4.322 | 4.014 | 3.421 | 3.368 | 3.621 | 3.952 | 3.114 | 3.761 | 3.634 | 45.04 |

WATER REPORT

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TABLE G

RECORD OF RAINFALL AT LONG PLAIN 1928

| Date | 1927 Dec. | 1928 Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. |
|-------|--------------|--------------|------|------|------|------|------|------|------|-------|------|------|
| 1 | | | | | | | .44 | .33 | .02 | | | .11 |
| 2 | .99 | | | | | | .04 | | | | | .30 |
| 3 | | | | | | | | | | 1.82 | | |
| 4 | 1.12 | | | | | | 1.16 | | | | | |
| 5 | | | | | | | .57 | .91 | .27 | | .15 | |
| 6 | | | | | | | .14 | .03 | | .30 | | |
| 7 | .70 | | | | .06 | | | | .09 | | | |
| 8 | .27 | .17 | | | | | | | | | | .47 |
| 9 | | | | 1.54 | | .20 | .16 | | | | | |
| 10 | | | .20 | | | | | | .09 | | | |
| 11 | .27 | | | .09 | .36 | | | .59 | 1.05 | | | |
| 12 | .07 | | | | | | | .03 | | .03 | | |
| 13 | .58 | .03 | | | | | | .86 | | | .14 | |
| 14 | | .08 | .82 | 1.04 | .19 | | | .04 | | | | |
| 15 | | | .04 | | | | | | | | | |
| 16 | 1.12 | .35 | | | | | | | | | | |
| 17 | | | .90 | .16 | | | | | | | | |
| 18 | | | | .26 | | .26 | .76 | | | .10 | .60 | .04 |
| 19 | | 1.07 | | | | .09 | .09 | | | 2.12 | .30 | .10 |
| 20 | | | | | | .12 | .03 | .56 | | | | |
| 21 | | | .45 | | .49 | | | | | | | .28 |
| 22 | | | .40 | .06 | .85 | .04 | .14 | 1.51 | | | | .02 |
| 23 | | | | | .69 | | .02 | .13 | | | .43 | |
| 24 | | 1.06 | | | .14 | | | | .06 | | | |
| 25 | | | | | | .06 | | | .15 | .30 | | |
| 26 | | | | | | 1.12 | | | | | | |
| 27 | | | | | 1.21 | .06 | | .05 | | | .04 | |
| 28 | | .64 | | | .12 | | | .36 | | | .08 | |
| 29 | .20 | | | .44 | | | .54 | | .18 | .06 | | |
| 30 | | | | .46 | .18 | | 1.09 | | .38 | .18 | | 1.05 |
| 31 | .47 | | | | | | | | | | | |
| Total | 5.79 | 3.40 | 2.81 | 4.05 | 4.29 | 1.95 | 5.18 | 5.40 | 2.29 | 4.91 | 1.74 | 2.37 |

Total fall for the year—44.18 inches.

TABLE H.
STATEMENT OF WORK DONE BY LEAVITT ENGINE A FOR THE YEAR ENDING DECEMBER 1, 1928
Diameter steam cylinders 16% and 36% in.
Diameter pump plungers 13 7-10 and 19% in.
Stroke of Piston Plungers 90 inches.
Average working steam pressure 170 lbs.
Average Static head 167.76 ft.

| Month | Number of days or parts of days pumping | Total pumping time per month | | Total number of strokes per month | Average number of strokes per minute | Total fuel used for all purposes | | Total number of gallons pumped per month, allow- ance being made for slip. | Number of gallons pumped per pound of coal for total coal. | Number of gallons raised 100 ft. per lb. coal for total coal. | Average dynamic head against pump in feet; no allowance for friction in suction. | Average duty in pounds raised one foot high per 100 lbs. of coal, calculated on total fuel used for all purposes. No deductions. |
|-------------------|---|---------------------------------|----|--------------------------------------|---|-------------------------------------|---------------|--|--|---|---|--|
| | | H. | M. | | | Lbs. | | | | | | |
| December 1927 | 29 | 534 | 55 | 974,566 | 30.3 | 271,080 | 215,379,086 | 794 | 1416 | 178.42 | 118,226,719 | |
| January 1928 | 27 | 639 | 20 | 1,070,074 | 27.1 | 293,510 | 236,486,354 | 805 | 1435 | 178.27 | 119,791,912 | |
| February 1928 | 27 | 644 | 20 | 1,190,554 | 30.7 | 317,575 | 263,112,434 | 828 | 1502 | 181.41 | 125,349,423 | |
| March 1928 | 27 | 566 | 10 | 1,066,397 | 31.3 | 291,120 | 235,673,737 | 809 | 1470 | 181.71 | 122,682,897 | |
| April 1928 | 28 | 654 | 50 | 1,219,407 | 31.0 | 336,070 | 269,488,947 | 801 | 1453 | 181.50 | 121,381,888 | |
| May 1928 | 28 | 622 | 55 | 1,196,851 | 30.1 | 343,390 | 264,504,071 | 770 | 1392 | 180.87 | 116,192,288 | |
| Totals & Averages | 164 | 3701 | 30 | 6,717,849 | 30.0 | 1,852,745 | 1,484,644,629 | 801 | 1444 | 180.33 | 120,514,941 | |

The duty is based on total fuel used for all purposes. This includes banking fires, starting, heating building, running shop engine during day and electric light engine at night. No deduction for ashes, moisture in coal or anything else.

WATER REPORT

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TABLE I.
STATEMENT OF WORK DONE BY LEAVITT ENGINE B FOR THE YEAR ENDING
DECEMBER 1, 1928.

| Months | Number of days or parts of days pumping | Total pumping time | | Total number of strokes per month | Average number of strokes per minute | Total fuel used for all purposes | Total number of gallons pumped per month, allowance being made for slip. | Number of gallons pumped per pound of coal for total coal. | Number of gallons raised 100 ft. per lb. coal for total coal. | Average dynamic head against pump in feet; no allowance for friction in suction. | Average duty in pounds raised one foot high per 100 lbs. of coal, calculated on total fuel used for all purposes. No deductions. |
|---------------------|---|--------------------|----|-----------------------------------|--------------------------------------|----------------------------------|--|--|---|--|--|
| | | H. | M. | | | Lbs. | | | | | |
| December 1927 | 30 | 702 | 50 | 1,224,010 | 29.0 | 332,305 | 269,282,200 | 810 | 1495 | 184.57 | 124,737,757 |
| January 1928 | 30 | 691 | 55 | 1,215,482 | 29.2 | 339,710 | 267,406,040 | 787 | 1451 | 184.49 | 121,116,067 |
| February 1928 | 28 | 660 | 15 | 1,122,634 | 28.3 | 310,590 | 246,979,480 | 795 | 1472 | 185.18 | 122,809,944 |
| March 1928 | 31 | 734 | 30 | 1,208,426 | 27.4 | 325,730 | 265,853,720 | 816 | 1506 | 184.60 | 125,655,855 |
| April 1928 | 29 | 623 | 55 | 1,159,674 | 30.9 | 289,615 | 233,128,280 | 804 | 1483 | 184.56 | 123,901,778 |
| May 1928 | 30 | 613 | 40 | 965,173 | 24.8 | 264,880 | 212,338,060 | 801 | 1464 | 182.84 | 122,240,731 |
| June 1928 | | | | | | | | | | | |
| July 1928 | | | | | | | | | | | |
| August 1928 | | | | | | | | | | | |
| September 1928 | | | | | | | | | | | |
| October 1928 | | | | | | | | | | | |
| November 1928 | | | | | | | | | | | |
| Totals and Averages | 178 | 4027 | 05 | 6,795,389 | 27.8 | 1,862,830 | 1,494,987,780 | 802 | 1481 | 184.70 | 123,622,455 |

The duty is based on total fuel used for all purposes. This includes banking fires, starting, heating building, running shop engine during day and electric light engine at night. No deduction for ashes, moisture in coal or anything else.

TABLE J.

STATEMENT OF WORK DONE BY ELECTRICALLY OPERATED De LAVAL CENTRIFUGAL PUMP C FOR THE YEAR ENDING DECEMBER 1, 1928.

Number of revolutions per minute 1700 to 1800
 Capacity when pumping alone 24 hours $6\frac{1}{4}$ million gallons
 Capacity when pumping with one Leavitt Engine 24 hours 6 million gallons
 With Little Quittacas at elevation 50, Static head 160.28
 Average dynamic head for year. 179.42

| Months | Number of days or parts of days pumping | Total pumping time per month | | Current used per month K. W. H. | Number of gallons pumped per month | Number of gallons pumped per K. W. H. |
|-----------------|---|------------------------------|-----|---------------------------------|------------------------------------|---------------------------------------|
| | | H. | M. | | | |
| December 1927 | 1 | 11 | —30 | 2,700 | 2,841,300 | 1,052 |
| January 1928 | 1 | 11 | —45 | 2,700 | 2,916,000 | 1,080 |
| February 1928 | 1 | 23 | —45 | 5,400 | 5,789,700 | 1,070 |
| April 1928 | 1 | — | 58 | 200 | 255,600 | 1,278 |
| May 1928 | 1 | — | 54 | 200 | 221,400 | 1,107 |
| June 1928 | 1 | — | 45 | 200 | 172,800 | 864 |
| September 1928 | 1 | 1 | —12 | 300 | 286,700 | 955 |
| Totals. & Aver. | 7 | 50 | —49 | 11,700 | 12,483,500 | 1,067 |

Number of K. W. H. required to raise one million gallons into Reservoir 937.

$$\text{Duty} = \frac{12,483,500 \times 8.34 \times 179.42}{11,700} = \frac{159,656,794 \text{ lbs. raised one foot}}{\text{high per 100 K. W. H.}}$$

TABLE K.
LOCATION AND SIZE OF CAST IRON MAIN PIPE LAID IN 1928

| Streets | 48 in. | 12 in. | 8 in. | 6 in. | Cost |
|--|--------|--------|-------|-------|-----------|
| Arch St., from Arnold, north | | | | 423 | \$938.51 |
| Bedford St., from Palmer, west | | | | 82 | 289.33 |
| Bismark St., from Manila, south | | | 20 | | 47.30 |
| Brownell St., from 106.8 ft. N. of Grape, north | | | | 63 | 164.21 |
| Emerson St., from Smith, south | | | | 174 | 300.97 |
| Fairmount St., from Jenny Lind, east | | | | 58 | 107.50 |
| Jenny Lind St., from Fairmount, south | | | | 122 | 260.16 |
| Johnny Cake Hill, from Union to William | | | 412 | | 2,326.57 |
| King St., from Shaw to 30 ft. N. of Central Ave. | | | 190 | | 441.89 |
| King's Highway, from Mt. Pleasant, east | | 1056 | 626 | | 4,645.28 |
| Lincoln St., from Arnold, north | | | 87 | | 1,397.43 |
| Manila St., from 111 ft. E. of Acushnet Ave. to Bismark .. | | | 145 | | 244.31 |
| Shaw St., from Church, west | | | | | 454.57 |
| Force Main, from 47 ft. W. of Middleboro Rd., west | 2561 | | | | 53,134.28 |
| Totals | 2561 | 1056 | 1480 | 922 | |

LOCATION AND SIZE OF CAST IRON MAIN PIPE REMOVED IN 1928

| Streets | 6 in. | 4 in. |
|---|-------|-------|
| Arch St., from Arnold, north | | 419 |
| Johnny Cake Hill, from pipe line Union to pipe line William | | 412 |
| King's Highway, from Mt. Pleasant, east | 848 | |
| Lincoln St., from Arnold, north | | 622 |
| Oak St. from Allen, north (to correct error) | | 12 |
| Totals | 848 | 1465 |

TABLE K—Concluded
SUMMARY

| | Steel | Cast Iron | | | | | | | | | | |
|---------------------|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| | 48 in. | 48 in. | 36 in. | 30 in. | 24 in. | 20 in. | 16 in. | 12 in. | 10 in. | 8 in. | 6 in. | 4 in. |
| Previous to 1928 | 42381 | 18917 | 68579 | 41162 | 9811 | 11310 | 48791 | 61378 | 79534 | 244796 | 406908 | 38627 |
| Laid in 1928 | | 2561 | | | | | | 1056 | | 1480 | 922 | |
| Total laid | 42381 | 21478 | 68579 | 41162 | 9811 | 11310 | 48791 | 62434 | 79534 | 246276 | 407830 | 38627 |
| Removed in 1928 | | | | | | | | | | | 848 | 1465 |
| Total now in use | 42381 | 21478 | 68579 | 41162 | 9811 | 11310 | 48791 | 62434 | 79534 | 246276 | 406982 | 37162 |
| Percentage of total | 3.94 | 2.00 | 6.37 | 3.82 | .91 | 1.05 | 4.52 | 5.80 | 7.39 | 22.98 | 37.82 | 3.40 |

| | | | |
|--|-------|------------------|-----------------|
| Total length laid in 1928 | | 6,019 ft. or | 1.13996 miles |
| Total length removed in 1928 | | 2,313 ft. or | .4380 miles |
| Total length of pipe in use December 1, 1928 | | 1,075,900 ft. or | 203.76893 miles |

SPECIAL REPORT -- SEPT. 1928 -- DIAGRAM NO. I

METER RATE SHEET

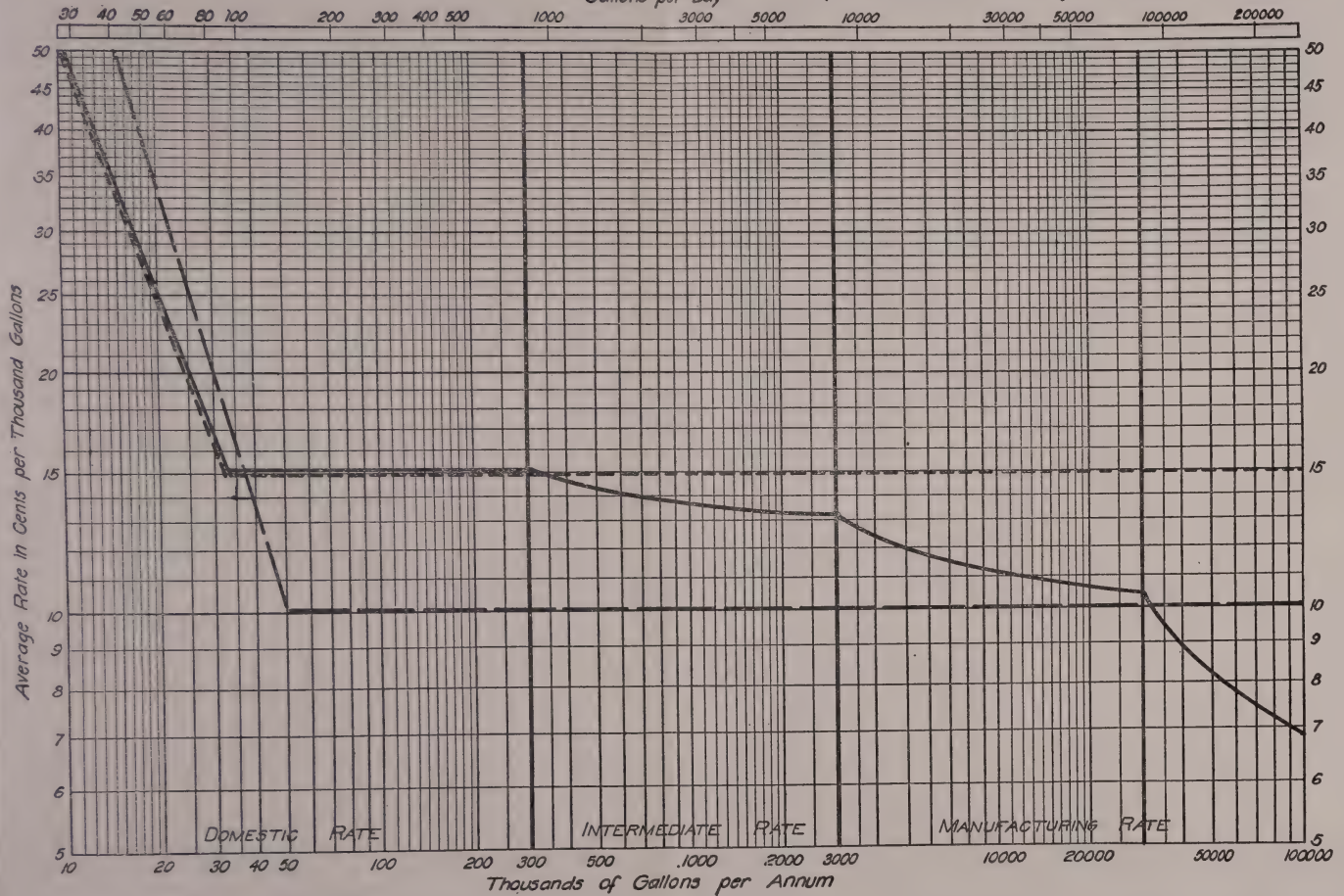
Gallons per Day

PRESENT DOMESTIC RATE

PRESENT MANUFACTURING RATE

PROPOSED SLIDING SCALE

NOTE! MINIMUM RATE USED IN THIS DIAGRAM IS 40 CENTS



Report of Committee on Rates
New England Water Works Association, June 1914.

THOUSANDS OF CUBIC FEET PER QUARTER

D-1

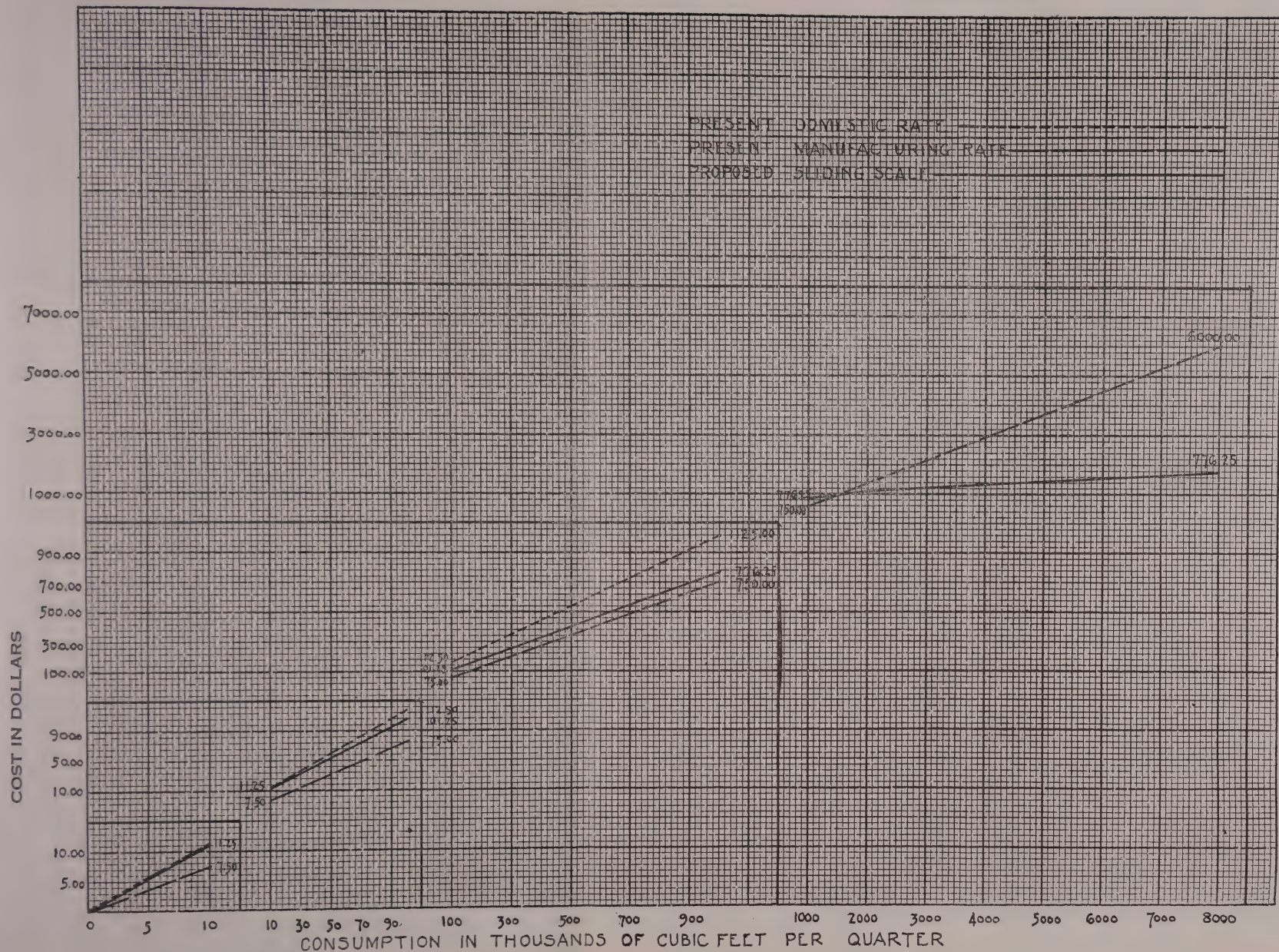


TABLE L

LOCATION AND SIZE OF STOP GATES SET IN 1928

| Streets | 12 in. | 10 in. | 8 in. | 6 in. |
|---|-----------|-----------|----------|----------|
| Arnold St., W. line Lincoln St. | | | 1 | |
| Ashley Blvd., at hydt., N. of Irvington 445 ft. | | | | 1 |
| Ashley Blvd., at hydt., N. of Carlisle 352 ft. | | | | 1 |
| Bedford St., on west line Palmer | | | | 1 |
| Belleville Ave., S. of Coggeshall 94 ft. | | | | 1 |
| Belleville Ave., S. of Coggeshall 90 ft. | | | | 1 |
| Coggeshall St., at hydt., W. of Cotter, 3 ft. | | | | 1 |
| Emerson St., N. from S. line Smith, 4 ft. | | | | 1 |
| Jenny Lind St., S. of Fairmount .9 ft..... | | | | 1 |
| Johnnycake Hill, S. from N. line Union 14 ft.... | | | 1 | |
| King St., N. of Central Ave., 33 ft..... | | | 1 | |
| King's Highway, N. E. from old E. line Mt. Pleasant (S) 776 ft..... | 1 | | | |
| King's Highway, at hydt., N. E. from old E. line Mt. Pleasant (S) 34 ft..... | | | | 1 |
| King's Highway, N. E. from old E. line Mt. Pleasant 765 ft..... | 1 | | | |
| King's Highway, N. E. from old E. line Mt. Pleasant (S) 15 ft..... | 1 | | | |
| King's Highway, at hydt., N. E. from old E. line Mt. Pleasant 993 ft..... | | | | 1 |
| King's Highway, at hydt., N. E. from old E. line Mt. Pleasant (S) 761 ft..... | | | | 1 |
| King's Highway, at hdyt., N. E. from S. E. line Mt. Pleasant (S) 546 ft..... | | | | 1 |
| Mt. Pleasant, at hydt., N. of Mt. Pleasant Lane, 158 ft. | | | | 1 |
| Shaw St., on W. line Church..... | | | 1 | |
| Summer St., at hydt., N. of Weld 101 ft..... | | | | 1 |
| Summer St., at hydt., N. of Durfee (W) 15 ft.. | | | | 1 |
| Weld St., E. from W. line Myrtle 2 ft..... | | 1 | | |
| Totals..... | 3 | 1 | 4 | 15 |

TABLE L—Concluded.

LOCATION AND SIZE OF STOP GATES REMOVED IN 1928

| Streets | 12 in. | 6 in. | 4 in. |
|---|-----------|----------|----------|
| Johnnycake Hill, N. of Union 3 ft..... | | | 1 |
| King's Highway, N. E. from E. line Mt. Pleasant (S) 7 ft. | | 1 | |
| Water St., N. line Rivet..... | 1 | | |
| Total..... | 1 | 1 | 1 |

Number of Stop Gates Set in 1928..... 23

Number removed 3

Number to be added..... 20

Number in use December 1, 1927.....2839

Number in use December 1, 1928.....2859

TABLE M

LOCATION AND SIZE OF SMALL SIZE GATES REMOVED
IN 1928

| Location | 2 in. |
|--|-------|
| Dartmouth St., at watering cart hydt., E. S., N. of Oak St..... | 1 |
| Linden St., at watering cart hydt., S. S., W. of Purchase St..... | 1 |
| Linden St., at watering cart hydt., S. S., W. of County St. (S) .. | 1 |
| Totals..... | 3 |

Number of small size stop gates set in 1928..... 0

Number removed 3

Number to be subtracted 3

Number in use December 1, 1927.....91

Number in use December 1, 1928.....88

TABLE N
LOCATION AND SIZE OF PRIVATE STOP GATES
SET IN 1928

| Streets | 8 in. | 6 in. | 4 in. | 2 in. |
|---|----------|----------|----------|----------|
| Acushnet Ave., at M. T. Hudner, N. of Union 38.8 ft. | | 1 | | |
| Ash St., at Benj. Cummings, S. of Union 352.3 ft. | 1 | | | |
| Beetle St., at Strand Theatre, W. of Acushnet Ave., 80.4 ft. | | | 1 | |
| Belleville Ave., at Bristol Mfg. Corp., S. of Coggeshall 91.0 ft. | | 1 | | |
| Caroline St., at N. B. Dairy Corp., N. of Durfee 53.0 ft. | | | | 1 |
| Chestnut St., at Robt. H. Woodland Garage, S. of Campbell 83.0 ft. | | | 1 | |
| Hillman St., at N. B. Vocational School, W. of Ash 227.1 ft. | | 1 | | |
| Johnnycake Hill, at Old Dartmouth Historical Soc., S. of William 171.16 ft. | | 1 | | |
| Johnnycake Hill, at Roger T. Fay, N. of Union 92.0 ft. | | 1 | | |
| Park Ave., at Joseph Woodward, W. of Ashley Blvd. 47.0 ft. | | | 1 | |
| So. Water St., at William G. Welsh, S. of School 84.0 ft. | | 1 | | |
| William St., at Merchant's Bank Bldg., W. of Purchase 76.8 ft. | | 1 | | |
| Totals..... | 1 | 7 | 3 | 1 |

Number of Private Stop Gates set in 1928..... 12
Number removed 0

Number to be added..... 12
Number in use December 1, 1927.....601

Number in use December 1, 1928.....613

TABLE O.

Ashley Blvd., west side, 352 ft. N. of Carlisle.
 Ashley Blvd., west side, 445 ft. N. of Irvington.
 Bedford St., south side, 63 ft. W. of Palmer.
 Bismark St., S. W. Cor. Manila Ave.
 Brownell St., west side, 44 ft. N. of Grape.
 Coggeshall St., S. W. Cor. Cotter.
 Johnnycake Hill, west side, 172 ft. N. of Union.
 King's Highway, N. E. Cor. Mt. Pleasant.
 King's Highway, north side, 546 ft. N. E. from old N. line Mt. Pleasant (south).
 King's Highway, 761 ft. N. E. from old E. line Mt. Pleasant.
 King's Highway, 993 ft. N. E. from old E. line Mt. Pleasant.
 Liberty St., west side, 102 ft. N. of Smith.
 Lincoln St., west side, 270 ft. S. of Union.
 Middle St., south side, 327 ft. E. of County.
 Mt. Pleasant St, west side, 158 ft. N. of Mt. Pleasant Ln.
 Shaw St., S. W. Cor. Church.
 Summer St., east side, 101 ft. N. of Weld.
 Summer St., N. E. Cor. Durfee.

TABLE O—Concluded

LOCATION OF HYDRANTS REMOVED IN 1928

Brownell St., west side, 145 ft. S. of Allen.
 Emerson St., west side, 70 ft. N. of Sycamore.
 Jenny Lind St., west side, 96 ft. N. of Lexington.
 King's Highway, N. W. Cor. Mt. Pleasant.
 King's Highway, west side, 778 ft. N. of Mt. Pleasant (S).
 Lincoln St., west side, 171 ft. S. of Union.
 Manilla St., south side, 110 ft. E. of Acushnet Ave.

| | |
|-------------------------------------|------|
| Number of hydrants set in 1928..... | 18 |
| Number removed | 7 |
| Number to be added | 11 |
| Number in use December 1, 1927..... | 1842 |
| Number in use December 1, 1928..... | 1853 |

TABLE P

LOCATION OF WATERING CART HYDRANTS
REMOVED IN 1928

Dartmouth St., east side, N. of Oak 14 ft.
 Linden St., south side, W. of Purchase 30 ft.
 Linden St., south side, W. of County (S) 14 ft.

| | |
|---|----|
| Number of watering cart hydrants set in 1928..... | 0 |
| Number removed | 3 |
| Number to be deducted | 3 |
| Number in use December 1, 1927 | 45 |
| Number in use December 1, 1928..... | 42 |

TABLE Q

STATEMENT OF WORK DONE BY THE SERVICE
DEPARTMENT FOR THE YEAR ENDING
DECEMBER 1, 1928.

| Kind and Size | No. of Services | Length on Tak- er | Length on City |
|--|--------------------|-------------------------|-------------------|
| Lead pipe $\frac{3}{4}$ inch light | 17 | 324 | 445 |
| Lead pipe $\frac{5}{8}$ inch light | 25 | 412 $\frac{1}{2}$ | 599 |
| Lead pipe $\frac{5}{8}$ inch heavy | 7 | 119 $\frac{1}{2}$ | 145 |
| Cast Iron pipe 8 inch | 1 | 7 | |
| Cast Iron pipe 6 inch | 8 | 1789 | |
| Cast Iron pipe 4 inch | 3 | 70 $\frac{1}{2}$ | |
| Cast Iron pipe 2 inch | 1 | 65 | |
| Totals..... | 62 | 2786 | 1189 |

One 1-inch iron service has been removed and replaced with $\frac{3}{4}$ inch light lead pipe.

One $\frac{3}{4}$ inch iron service has been removed and replaced with $\frac{3}{4}$ inch light lead pipe.

One $\frac{5}{8}$ inch iron service has been removed and replaced with $\frac{5}{8}$ inch light lead pipe.

One $\frac{1}{2}$ inch heavy lead service has been removed and replaced with 1-inch heavy lead pipe.

Two connections to services previously laid have been made by taker.

Fourteen extensions to services previously laid have been made by city, using 98 ft. $\frac{3}{4}$ inch heavy lead, 87 ft. $\frac{3}{4}$ inch light lead, 256 ft. $\frac{5}{8}$ inch heavy lead, and 32 ft. $\frac{5}{8}$ inch light lead.

One 2-inch galvanized iron, one $\frac{3}{4}$ inch heavy lead, one $\frac{3}{4}$ inch light lead, one $\frac{5}{8}$ inch heavy lead, one $\frac{5}{8}$ inch light lead, and one $\frac{1}{2}$ inch heavy lead services have been removed.

Length of service pipe laid during the year 4510 ft.

| | |
|--------------------------------------|----|
| Number of services laid in 1928..... | 62 |
| Number of services removed | 6 |

| | |
|-------------------------------------|--------|
| Number to be added..... | 56 |
| Number in use December 1, 1927..... | 19,100 |

| | |
|-------------------------------------|--------|
| Number in use December 1, 1928..... | 19,156 |
|-------------------------------------|--------|

TABLE R
MAINTENANCE OF METERS DURING THE YEAR 1928

| REPAIRED | | | | | CLEANED and TESTED | | | Total Number Repaired and Cleaned and Tested | Total Cost |
|----------|--------|------------------|----------------------------|---------|------------------------------|---|--------|--|---------------|
| Size | Frozen | Other Repairs | Total Number Repairs | Cost | Average Cost per Meter | CLEANED and TESTED | | | |
| | | | | | | Total Number Cleaned and Tested | Cost | Average Cost per Meter | |
| 8 inch | | 1 | 1 | \$4.15 | \$4.15 | 1 | \$7.20 | \$7.20 | \$ 4.15 |
| 6 inch | | 7 | 7 | 63.12 | 9.02 | 1 | 7.25 | 7.25 | 70.32 |
| 4 inch | | 9 | 9 | 290.19 | 32.24 | 1 | 8.30 | 8.30 | 297.44 |
| 3 inch | | 2 | 2 | 11.70 | 5.85 | 1 | 10.05 | 10.05 | 20.00 |
| 2 inch | | 9 | 9 | 44.63 | 4.92 | 4 | 12.05 | 12.05 | 54.68 |
| 1½ inch | | 5 | 5 | 52.77 | 10.55 | 4 | 3.01 | 3.01 | 52.77 |
| 1 inch | | 22 | 22 | 113.57 | 5.16 | 4 | 131.33 | 3.36 | 125.62 |
| ¾ inch | 7 | 171 | 178 | 791.72 | 4.44 | 39 | 147.58 | 2.07 | 23.05 |
| ⅝ inch | 37 | 1043 | 1080 | 4216.79 | 3.90 | 71 | | | 4364.37 |
| Totals | 44 | 1269 | 1313 | 5588.64 | | 121 | 323.76 | | \$5912.40 |

TABLE S.
THE FOLLOWING IS A LIST OF THE DIFFERENT SIZES AND MAKES OF METERS IN
COMMISSION

| Make | 5/8" | 3/4" | 1 1/2" | 1" | 1 1/2" | 2" | 3" | 4" | 6" | 8" | Totals |
|---------------------------|-------|------|--------|-----|--------|-----|----|----|----|----|--------|
| Arctic | 5 | | | | | | | | | | 5 |
| Crown | 74 | 54 | | 6 | 2 | 1 | 1 | | | | 138 |
| Empire | 2669 | 692 | | 23 | 7 | 92 | 36 | 35 | 4 | | 3558 |
| Empire Compound | | | | | | 1 | 4 | 5 | 2 | | 12 |
| Eureka | | | | | | | | | 1 | | 1 |
| Gem | | | | | | | 1 | 2 | 1 | | 4 |
| Hersey Compound | | | | | | | 3 | 1 | 1 | | 4 |
| Hersey Detector | | | | | | | | 2 | | 3 | 4 |
| Hersey Disc | | | | 114 | 2 | 8 | | 2 | 9 | | 14 |
| Hersey Rotary | | | | 5 | 2 | | | | | | 4303 |
| Hersey Torrent | 3050 | 1129 | | | | 14 | 1 | 1 | | | 70 |
| Hersey Torment | 42 | 20 | | | | | | 3 | | | 18 |
| Keystone | 4 | | | | | | | | | | 4 |
| King | 5735 | 1161 | | 155 | 4 | 53 | | | | | 7108 |
| Lambert | 1010 | 168 | 1 | 20 | | 10 | 8 | 10 | 1 | | 1228 |
| Nash | 271 | 54 | | 11 | | | | | | | 336 |
| Trident Compound | | | | | | | 1 | 1 | 7 | | 13 |
| Trident Crest | | | | | | | 1 | 6 | 4 | 1 | 12 |
| Trident Disc | 195 | 29 | | 6 | | 11 | | | | | 241 |
| Union Rotary | 1 | 80 | | 7 | | 1 | 2 | 4 | | | 95 |
| Watch Dog | 5 | | | | | | | | | | 5 |
| Worthington Disc | 687 | 189 | | 39 | | | | | | | 915 |
| Worthington Turbine | | | | | | | | 1 | 1 | | 2 |
| Totals | 13748 | 3576 | 1 | 386 | 17 | 193 | 63 | 72 | 27 | 3 | 18086 |

SUMMARY OF STATISTICS

FOR THE YEAR ENDING DEC. 1, 1928

IN FORM RECOMMENDED BY THE NEW ENGLAND
WATER WORKS ASSOCIATION.

NEW BEDFORD WATER WORKS

NEW BEDFORD,
BRISTOL COUNTY, MASS.

GENERAL STATISTICS

Population by census of 1920, 121,217.

Date of construction, 1866 to 1869, inclusive. Further supply 1895 to 1899, inclusive.

By whom owned, City of New Bedford.

Source of supply.—Water was first introduced on Nov. 26, 1869.

From that date until July 10, 1899, the supply was taken from a storing reservoir artificially formed by constructing a dam across the valley of the Acushnet River, seven miles north of the centre of the City. This supply was augmented by a connection made in 1886 with Little Quittacas Pond.

Since July 10, 1899, the whole supply has been taken from Great and Little Quittacas Ponds, eleven miles north of the centre of the city.

In 1926, under Legislative Authority to take 11½ million gallons of water per day from Long, Assawompsett and Pocksha Ponds, a connection was made to bring water from Pocksha into Great Quittacas Pond, when needed.

Mode of supply.—Previous to July 10, 1899, the water flowed by gravity from the Acushnet Storing Reservoir (grade 40' + high water New Bedford Harbor) through a brick conduit 3 feet wide, 4 feet high, 5 6-10 miles long to a receiving reservoir (capacity 3 million gallons; grade 30') located opposite the Purchase Street Pumping Station. Thence it was pumped into the Mt. Pleasant Distributing Reservoir (capacity 15 million gallons; grade 154') located 1,879 feet distant, from whence it flowed by gravity into the city's distributing system.

Since July 10, 1899, the entire supply has been pumped from little Quittacas Pond (grade 52' through a 48 inch steel force main 8¼ miles long) to a distributing reservoir (capacity 67 million gallons; grade 216') located upon High Hill, in the town of Dartmouth. From this reservoir it flows into the city's distributing system by gravitation through two 36-inch cast iron pipes averaging 4 1-17 miles in length.

It is also possible to pump directly to the city through a 48" and 36" main using either reservoir as a balance. This latter connection was completed in 1922.

The first named system is not now in use, but is held in reserve to meet any emergency which might occur.

PUMPING STATISTICS

1. Builders of Pumping Machinery.

Purchase Street Station:

a. McAlpine engine, Cap. 5,000,000 gals. per 24 hrs.
built by Quintard Iron Works.

b. High duty engine, Cap. 5,000,000 gals. per 24 hrs.
built by Henry R. Worthington
Little Quittacas Station:

a. b. Leavitt engines in duplicate. Capacity of the two engines
built by Dickinson Mfg. Co. 20,000,000 gallons per 24 hrs.

c. DeLaval electrically operated centrifugal pump, directly connected with a General Electric squirrel cage type I. Form K. 3 phase, 60 cycle, 550 volt, 250 H. P., induction A. C. motor, operating at about 1800 revolutions per minute, built by DeLaval Steam Turbine Co. Capacity about 6,000,000 gals., delivered into High Hill Reservoir in 24 hours.
Current purchased of New Bedford Gas and Edison Light Co.

LITTLE QUITTACAS STATION—Engine A and B.

2. Description of fuel used.

a. Kind—bituminous.

b. Brand of coal—New River.

c. Price of coal per net ton — delivered Little Quittacas Station \$6.67.

d. Percentage of ash—8.

e. Wood, price per cord—none used.

3. Coal consumed for the year—3,715,575 lbs.

4. (Pounds of wood consumed)÷3—equivalent amount of coal—none used.

5. Total equivalent coal consumed for the year=(3)+(4)
3,715,575 lbs.

6. Total pumpage for the year—2,979,632,409 gallons with allowance for slip.

7. Average static head against which pump works.—167.83.

8. Average dynamic head against which pump works.—188.64 feet.

9a. Number of gallons pumped per pound of equivalent coal (5)
802.

9b. Number of gallons raised 100 feet per pound of equivalent coal (5) 1512.

10a. Duty = $\frac{\text{gals. pumped (6)} \times 8.34 \text{ lb.} \times 100 \times \text{dyn. head (8)}}{\text{Total fuel consumed (5)}} = 126,164,303$

10b. Cost per million gallons raised into High Hill Reservoir (engine A and B) \$19.91.

LITTLE QUITTACAS STATION—Engine C.

11. Total pumping time for the year 50 hours 49 minutes.
12. Total current used for the year 11,700 K. W. H.
13. Total pumpage for the year, 12,483,500 gallons.
14. Number of gallons pumped per K. W. H. 1,067.
15. Number of K. W. H. required to raise one million gallons into High Hill Reservoir, 937.
Cost per K. W. H. varies in accordance with amount consumed.
16. Average cost per K. W. H. \$.026.
17. Cost per million gallons raised into High Hill Reservoir, (Engine C. only) \$36.21.
Total cost of pumping, figured on pumping station expenses, viz: \$59,668.80.
18. Per million gallons pumped—\$19.94.
19. Per million gallons raised one foot (dynamic)—10 cents.
Cost of pumping figured on total maintenance and interest on bonds, (see financial CC+DD) viz: \$292,490.74.
20. Per million gallons pumped—\$97.75.
21. Per million gallons raised one foot (dynamic)—54 cents.
Cost of pumping figured on total maintenance, interest on bonds and bond payments (see financial CC+DD+EE) viz: \$354,490.74.
22. Per million gallons pumped, \$118.47.
23. Per million gallons raised one foot (dynamic) 65 cents.

WATER REPORT

51 y

FINANCIAL STATISTICS

| RECEIPTS | | EXPENDITURES. | |
|--|---------------------|---|---------------------|
| Balance brought forward, | \$52,776.41 | Water works maintenance: | |
| (a) From ordinary (main- tenance) receipts | 24,692.77 | AA. Operation, (management and repairs), \$230,084.49 | \$230,084.49 |
| (b) From extraordinary re- ceipts (bonds, etc.) | 2,640.00 | CC. Total maintenance, | 62,406.25 |
| | | DD. Interest on bonds | |
| Total | \$80,109.18 | CC + DD | \$292,490.74 |
| From Water Rates | | EE. Payments of bonds, | \$62,000.00 |
| A. Fixture rates, | | FF. Sinking Fund, | |
| B. Meter rates, \$331,241.74 | | | |
| C. Total from consumers | \$314,983.55 | Water works construction: | |
| D. Hydrants, | | GG. Extension of mains, \$26,346.89 | |
| E. For fountains, | | HH. Extension of services, 6,544.59 | |
| F. For street watering, | | II. Extension of meters 1,637.85 | |
| G. For public buildings, See J. | | JJ. Special, 63,631.70 | |
| H. For miscellaneous uses, | | KK. Total Construction, | 98,161.03 |
| I. General appropriations, | | LL. Unclassified expenses: Diverted by Auditor 14.51 | |
| J. Total from municipal departments, | 16,258.19 | MM. Balance: | |
| K. From tax levy, | | (aa) Ordinary, | |
| L. From bond issue, | | Total balance, | |
| M. From other sources: For building purposes 52.21 For meter rentals, 21,437.15 Deficit 19,826.00 | | | |
| N. Total | \$452,666.28 | N. Total, | \$452,666.28 |

| | |
|--|------------------------------|
| Disposition of balance | |
| O. Net cost of works to date | \$6,193,789.43 |
| P. Bonded debt to date | 1,299,000 00 |
| Q. Value of sinking fund at date | 48,000.00 |
| R. Net debt to date | 1,251,000.00 |
| S. Average rate of interest | 4 $\frac{4}{100}$ + per cent |

STATISTICS OF CONSUMPTION OF WATER.

| | | |
|-----|---|---------------|
| 1. | Estimated total population at date | 128,327 |
| 2. | Estimated population on lines of pipe | 127,427 |
| 3. | Estimated population supplied | 127,427 |
| 4. | Total consumption for the year | 2,998,413,909 |
| 5. | Passed through meters | 2,551,955,800 |
| 6. | Percentage of consumption metered | 85 |
| 7. | Average daily consumption | 8,214,832 |
| 8. | Gallons per day to each inhabitant | 64 |
| 9. | Gallons per day to each consumer | 64 |
| 10. | Gallons per day to each tap | 392 |
| 11. | Cost of supplying water, per million gallons figured on total maintenance (item CC) | \$76.90 |
| 12. | Cost of supplying water, per million gallons figured on total maintenance plus interest on bonds | \$97.75 |
| 13. | Total cost of supplying water per million gallons, figured on total maintenance, plus interest on bonds and bond payments | \$118.47 |

Includes population supplied in the Towns of Dartmouth and Acushnet.

STATISTICS RELATING TO DISTRIBUTING SYSTEM

| MAIN | | SERVICES | |
|--|--|---|--------|
| 1. Kind of pipe, cast iron and steel. | | 16. Kind of pipe; lead and cast iron. | |
| 2. Sizes, from 4 inch to 48 inch. | | 17. Sizes, $\frac{1}{2}$ inch to 10 inch. | |
| 3. Extended 6,019 feet during the year. | | 18. Extended 4,510 feet. | |
| 4. Discontinued 2,313 feet during year. | | 19. Discontinued 149 feet. | |
| 5. Total now in use, 203 76893/100000 miles. | | 20. Total now in use, 141.5724 miles. | |
| 6. Cost of maintenance per mile including flushing and inspecting gates and hydrants, \$41.18. | | 21. Number of service taps added during year: | |
| 7. Number of leaks per mile, .044. | | New Bedford | 56 |
| 8. Length of pipes less than 4 inches diam., 1 64412/100000 miles. | | Dartmouth | 22 |
| 9. Number of hydrants added during year, (public 11 and private 3). | | Acushnet | 15 |
| 10. Number of hydrants (public 1,853 and private 469) now in use 2,322. | | Total added | 93 |
| 11. Number of stop gates added during year, 20. | | 22. Number now in use: | |
| 12. Number of stop gates now in use, 2,859. | | New Bedford | 19,156 |
| 13. Number of stop gates smaller than 4 inch, 88. | | Dartmouth | 1,247 |
| 14. Number of blow offs, 199. | | Acushnet | 576 |
| 15. Range of pressure on mains, 16 lbs. to 91 lbs. | | Total now in use | 20,979 |
| | | 23. Average length of service feet. | 39.02 |
| | | 24. Average cost of service for the year paid by taker \$140.48. | |
| | | 25. Number of meters added, 23. | |
| | | 26. Number now in use, New Bedford only, 18,086. | |
| | | 27. Percentage of services metered, 94 1-5. | |
| | | 28. Percentage of receipts from metered water ($B \div C$) 100. | |

APPENDIX I.

REPORT ON THE

Investigation of Electrolysis

FOR THE

City of New Bedford

New Bedford Gas & Edison Light Co.

Union Street Railway Co.

New England Telephone & Telegraph Co.

Town of Dartmouth

DECEMBER, 1928

BY WILLIAM E. FOSS

Consulting Engineer

This report is abridged so as to contain only the tables having a bearing upon the interests of the City of New Bedford.

WILLIAM E. FOSS
Consulting Engineer
1 Ashburton Place
Boston, Massachusetts

Nov. 1, 1928.

New Bedford Water Board,
New Bedford Gas & Edison Light Co.,
New England Telephone & Telegraph Co.,
Dartmouth Water Board,
Union Street Railway Co.,

Gentlemen :

In reporting the results of the investigation of Electrolysis in New Bedford and vicinity, made under our agreement of July 1st, it is of interest to note that 20 years have passed since my first investigation of Electrolysis in New Bedford was made in 1908.

During this time the water mains and the gas mains have been very much extended. Water is now supplied from the City Works to North and South Dartmouth and Acushnet, and additional mains have been laid since 1908 to distribute the additional water now used. The gas mains now extend to North and South Dartmouth on the west, into Freetown on the north, and Mattapoisett on the east.

The underground electric cables have been extended further to the west, to Lund's Corner on the north, and along Rodney French Boulevard to the Sewerage Screen House near the City limits on the south, and an armored submarine electric cable has been laid across the harbor to Fairhaven. The underground telephone cables have also been extended as required.

While all of these systems have increased in extent with the growth of the City from a population of about 90,000 in 1908 to a population of about 125,000 in 1928, the general use of automobiles for transport in recent years has retarded Street Railway development so that some lines have been abandoned and where the service was not entirely discontinued, busses have been used instead of cars.

Railway service now terminates at the City Limits on the north and at Marion Road in Mattapoisett on the east and there is no longer through railway traffic over these lines to points beyond, but within the City, the Arnold, Kempton, Rivet and

Summer Street lines have been extended and a new line is now operated on Sawyer Street.

The amount of electricity straying from the railway tracks through the ground to the underground pipes and cables is about the same now as in 1908. There is a decrease of electric current on the water works supply mains due to shutting down the Lakeville Power Station and terminating all railway service north of the City and to installing insulating joints and using non-conducting joint compound in laying water mains since 1910, but this has been offset by an increase in current on the wrought iron and steel gas mains laid without insulating joints in the outlying districts since 1910.

The installation of insulating joints in the first water mains laid in Dartmouth in 1915 and the use of non-conducting joint compound in extensions since then, have kept most of the stray electric railway current off of these pipes.

Although it is not possible to completely prevent electrolytic corrosion of all of the underground pipes and cables in an area traversed by the tracks of an electric railway operated with a grounded circuit, a large number of electrical measurements have been made to locate so far as practicable conditions that can be remedied.

The results of these measurements are recorded for convenient reference in the accompanying tables and skeleton maps of the street railway, pipe and cable systems are also herewith.

CITY OF NEW BEDFORD

Intercepting Sewer System Underground Cables.

A short time before the investigation began a lead sheathed underground electric cable of the Intercepting Sewer System failed at West Rodney French Boulevard between Woodlawn and David Streets.

Measurements at this place after repairs had been made showed that the cable sheath was electro-positive to the ground, a condition favorable for electrolytic corrosion of the sheath, and that some stray electric railway current was flowing on it.

An examination of the old cable after removal showed that some corrosion of the sheath, apparently due to electrolysis, had taken place since the cable was laid in 1913.

The cable sheath is bonded to the sheaths of the New Bedford Gas & Edison Light Company's cables on Cove Road

in manhole at Brock Avenue and at the Sewerage Pumping Station, but as it is $2\frac{1}{2}$ miles from the point where the trouble occurred to Middle Street where the stray current is drained off the cable sheath by a metallic connection to a railway negative or return conductor, it is not surprising that the Sewer System cable sheaths at Woodlawn Street are at times 1.0 volt electro-positive to the water in the ocean near by.

Probably some improvement of this condition would result from better electric drainage of the Edison Light Company's cable sheaths and also from the completion of the relaying of the Brock Avenue tracks with heavier rails. Aside from these measures, I recommend that the Sewer System cable sheaths be metallically connected to a zinc ground plate buried in the ocean, near Woodlawn Street. Under the existing conditions, this ground plate should keep the sheaths electro-negative to the adjacent ground and protect them from corrosion.

Water Pipes

Along the street railway lines the water pipes are electro-negative with reference to the tracks, except within a short distance of the Power Station, in the area bounded by Purchase Street, Middle Street, Front Street and Union Street, where they are positive to the tracks from 0.1 volt to 1.8 volts. Near the northerly end of the Acushnet Avenue line, the southerly end of Brock Avenue line and at Rockdale Avenue on the Dartmouth Street line, the pipes are positive to tracks from 0.5 volts to 2.0 volts when cars are passing. These positive potentials would not cause any noticeable corrosion of the pipes in dry ground but where the pipes are laid below the ground water line where the soil is favorable for electrolysis, some corrosion would occur.

No corrosion was found on a lead service pipe under the car track in dry ground in Bridge Park east of Second Street, but several pittings between $\frac{1}{8}$ and $\frac{1}{4}$ of an inch in depth were found in the 8-inch cast-iron pipes in wet ground in Middle Street west of Front Street and in Front Street south of Middle Street. The Front street pipe has been in service for 20 years. Better electric drainage of the water pipe to the railway return conductors is recommended for improvement of conditions at this place.

No trouble is anticipated from electrolysis at the outlying points on Acushnet Avenue, Brock Avenue and Dartmouth Street where the water pipes are positive to the tracks because

apparently in all cases the ground is of high resistance and the positive potential of the pipe is an intermittent condition with a short period of duration.

The water pipes are positive to the ground along the shore of Acushnet River from Tarkiln Hill Road south to the Valvoline Oil Company's Wharf, from Grinnell Street south to Apponagansett Street and along the shore of Clark's Cove from Rockdale Avenue easterly and southerly to Oaklawn Street.

Water service pipes have been damaged by electrolysis on the shore of the River at the Taunton-New Bedford Copper Works, north of Wamsutta Street and at the Akin Denison Company and Valvoline Oil Company's wharves on Water Street near North Street.

At Hathaway Mill No. 2 on Gifford Street about 800 feet from the River, the water pipe was negative to the ground on July 25, when a break in the water pipe was investigated and although conditions were not then favorable for electrolytic corrosion of the pipe, it is quite probable that in this location they were favorable in the past.

On account of geographical and other conditions, it is not possible for the Street Railway Company to remedy this condition of positive polarity along the shore line completely, except at very large expense, which does not seem warranted by the amount of damage done. Under the circumstances, I recommend, in addition to such improvements as the Railway Company can reasonably make in its return system, that the potential of the water pipes be lowered along these shore lines by metallically connecting the pipes to ground plates located in the River and in Clark's Cove.

I find that the wires connecting the pipes to ground plates that were installed in the River at Wamsutta Street and at the Akin Denison Company's Wharf in 1924 have been removed surreptitiously and that the cast-iron condenser inlet pipe at the Taunton-New Bedford Copper Works, which was in fact a ground plate for the water pipes, has recently been replaced by a concrete inlet conduit.

These drainage connections should be replaced and additional plates should be installed in the River near Coffin Avenue, and Grinnell Street and in Clark's Cove near Shore Street.

Conditions along the large supply mains have been much improved since 1908 by the discontinuance of electric railway

operations in Freetown and Lakeville, by the installation of insulating joints, and by the use of non-conducting joint compound in the pipe lines. The slightly positive potential of the Force main with reference to the ground at the Pumping Station and at High Hill Reservoir, and at some of the insulating joints, is of little importance because of high ground resistance.

Although it seems paradoxical to combine electrical drainage, which increase the current flow on the pipe, and insulating joints, which decrease the flow, in a plan to protect a water pipe system from electrolysis, this arrangement is good for the city where conditions are as we find them in New Bedford, provided the use of insulating joints is confined to the supply mains where the resistance between the railway tracks and the mains is high and the insulating joints are located in dry ground.

Measurements made on sections of the new cast-iron force main laid with non-conducting joint compound without any provision to prevent contact of the ends of the pipes in the sockets, showed that the pipe lines were of high resistance compared with lines with lead joints and yet that they were of sufficiently low resistance to make satisfactory grounds for electric light circuits.

The water pipes are negative with respect to the gas pipes in almost all cases where measurements were made, as in the few cases where the water pipes are positive, the potential difference is small and of little importance.

The water pipes are positive to the underground cable sheaths, except in two or three cases, and the difference of potential varies from a few tenths of a volt to 1.5 volts as a rule, but is as much as 2 or 3 volts in five or six cases.

These positive potentials are sufficient to cause electrolytic corrosion of the pipes located near the cables in wet ground but as the resistance of the ducts in which the cables are laid is high, little corrosion takes place except where service pipes laid across the streets from the mains to the buildings pass quite close to the conduits.

This positive condition of the pipes with reference to the cables results from bonding or metallicity connecting them to the railway return conductors near the Railway Power Station to protect them from injury by electrolysis.

Near the Power Station the pipes and cables are of about the same potential, but owing to differences of electrical resistance as the distance from the station increases, the pipes become positive to the cables.

This general relation cannot be changed but by keeping the potential of the pipes and cables the same near the Power Station the difference of potential between them at the other points will be minimized. I, therefore, recommend that the Railway Company install in its underground conduit an insulated cable of low resistance from the negative bus in the Power Station to the manhole in Middle Street under the bridge to which the cables and water pipes shall be bonded and kept at the same potential, that this cable shall be used for this purpose only, and that all existing metallic connections between the cables and the steelwork of the bridge shall be removed. The ordinary maximum stray railway current now flowing on the water pipes is about 100 amperes, as compared with about 150 amperes in 1908. This is a substantial decrease and if all of the recommendations made herein for the protection of the water pipes are carried out, they should be well protected from electrolytic corrosion and little damage would be done unless there is an unexpected change in conditions.

NEW BEDFORD GAS & EDISON LIGHT COMPANY

Gas Pipes.

Within the City limits the gas pipes were found positive to the railway tracks at only a few places. On Acushnet Avenue at Potomska Street and at Spring Street, on Brigham Street at Hawthorn Street, on Brock Avenue at Hudson Street and on Purchase Street at High Street, positive readings of 0.2 volt were observed occasionally. This condition is of little importance, however, as the prevailing condition, at these places, was gas pipes negative to track several volts, except at Spring Street and at High Street, where the negative readings were less than 1 volt.

On Summer Street at Parker Street the potential of the gas pipes varied from 0.6 volt positive to 4.5 volts negative; the positive condition at this place is due to defective track bonding.

With the exception of the Rockdale Avenue and Cove Road high pressure lines that supply North and South Dartmouth, all of the gas pipes within the City are either cast-iron with cement joints or wrought iron with insulating joints about every fifth pipe. On account of this type of construction the lines are of relatively high electrical resistance, and they have not been bonded to the electric railway return conductors for protection as only very small stray electric currents flow over them.

Outside the City limits in Fairhaven the gas pipes are positive to the tracks in Main, Washington and Fort Streets from 1.0 to 3.0 volts. In Mattapoisett positive readings of 0.5 to 2.0 volts were observed on Main Street and on Church Street, and in South Dartmouth positive readings of 0.2 to 0.5 volt were observed in the Dartmouth Street line between Bliss Corner and Padanaram.

The positive readings in Mattapoisett and South Dartmouth fluctuate with the movement of the Street Railway cars on these lines and continue for short periods only.

The gas pipes were positive in about one-half of the measurements made to ground and in nearly all measurements made to water pipes and underground cables. This is due within the City limits to the high resistance type of construction of the gas pipe lines and to the electrical drainage connections from the water pipes and the cables to the railway return conductors. This condition would cause electrolytic action on gas service pipes laid near these pipes and cables in ground favorable for electrolysis and accounts for the damage discovered on Dartmouth Street at Fruit Street, on Acushnet Avenue at Pearl Street, on Purchase Street at Weld Street, on Belleville Avenue at Kilburn and Sawyer Streets, and several other places.

At the outer ends of the railway lines very large differences of potential were observed between the gas pipes and the tracks when cars were operating in the vicinity. Differences of potentials were observed as large as 35 volts in Padanaram, 22 volts in Mattapoisett and 50 volts at the Freetown boundary line.

The pipes are negative with reference to the tracks and not liable to be damaged by electrolysis at these places, but this condition increases the flow of electricity on the pipes and the damage where the electricity leaves them and enters the ground in other places.

It is not considered advisable to drain the electricity off the gas pipes over a metallic connection with a railway return conductor as is done for the protection of water pipes and cables as this would increase the amount of electricity flowing on the gas pipes and the danger of ignition of the gas by an electric arc, when working on them.

The remedy in these cases appears to be for the Railway Company to reduce the electrical disturbance in the earth as much as possible and keep it within reasonable limits so that the gas pipes can be protected from corrosion, by metallic connections to ground plates in the Harbor near Middle Street

and Cowen Street in Fairhaven, and Clark's Cove near Rockdale Avenue in New Bedford.

The damage to gas pipes in McCabe Street, South Dartmouth, Allen Street in Fairhaven and Belleville Avenue near Holly Street in New Bedford was probably due largely to soil action as the ground in which the pipes are laid had been filled in with cinders and the electrical conditions are not now favorable for electrolysis at these places.

The large flow of electricity from Mattapoisett over the 4-inch gas main into Fairhaven should receive careful attention as it is causing damage where it flows from the gas pipes into the wet ground on Main Street and Middle Street near Hutton Street and Cowen Street, where leaks have already occurred.

Underground Electric Cables.

Although the stray electric railway current drained from the electric cable sheaths over the metallic connections with the railway return conductors is at times more than 200 amperes, the potential of the sheaths with reference to the water pipes and the ground is not negative in all cases, and although very little damage to cable sheaths from electrolysis has been discovered, it is desirable to lower the potential of the sheaths about one half a volt so as to secure better protection, if possible.

I think this can be done if the Railway Company runs an underground insulated cable of large capacity from the negative bus in the Power Station to the manhole under the Middle Street bridge to be used for water pipe and cable sheath drainage only, as herein recommended. All of the cable drainage connections with the railway return conductors, now loaded with current from the car tracks, can then be removed with beneficial results.

The old overhead drainage connection from the electric cable sheaths at Water and Madison Streets was found disconnected. A new connection was therefore made at Water and Coffin Streets, which has been in service since October 21.

If the proposed relocation of cable sheath drainage connections is made all metallic connections between the sheaths and the steelwork of the Middle Street bridge should also be removed. If these changes do not remedy the positive condition at Main Street in Fairhaven at the easterly end of the bridge

a connection should be made from the cable sheaths to a ground plate in the harbor for supplemental drainage.

It is of interest to note that at a number of places there is a small flow of alternating current from the Edison Light circuits between the water pipes and the gas pipes and cable sheaths.

NEW ENGLAND TELEPHONE & TELEGRAPH CO.

Underground Cables.

The telephone cable sheaths are negative with reference to the potential of the water and gas pipes and of the electric and railway cables at all places where observations were made.

This is a very satisfactory situation for the Telephone Company and is due to careful work of the Company's Engineers and a wise policy, followed for some years, of requiring regular and systematic action to determine and to correct any unsatisfactory conditions that would cause damage to the cable sheaths by electrolysis.

The amount of stray railway current, drained from the telephone cable sheaths by the metallic connections to the railway return conductors, was not measured as the Company's Engineers are contemplating a rearrangement of the drainage connections. In doing this, it is desirable that they should give due consideration to possible changes in conditions resulting from the adoption of measures, herein recommended, for reducing electrolysis in New Bedford and vicinity. It is believed that the adoption of these measures will be for the best interest of the Telephone Company as well as for the other parties and that the Company will benefit therefrom.

TOWN OF DARTMOUTH

Water Pipes.

In North Dartmouth the water pipes are negative to the railway tracks in Kempton Street, usually from 5 to 10 volts, falling at times as low as 0.2 volt but without reversal of polarity. Under these conditions electrolytic corrosion of the pipes does not occur.

In South Dartmouth the pipes are negative to the railway tracks from 10 to 30 volts with reversals of polarity from time to time varying from 0.2 volt to 1.0 volt positive.

In streets where there are no railway tracks, the water pipes are positive to the ground and to the gas pipes, except at a few places.

An interesting and unusual condition was found on Slocum Road near the New Bedford Gas and Edison Light Company's Sub-Station at Hawthorn Street. At this place an electric aerial cable is carried down and underground across Slocum Road in an iron duct. The water pipe which ends a short distance north of the cable is from 2 to 12 volts positive to the duct. This is due to the fact that the electric cable has a metallic covering, which is continuous back to Middle and Water Streets in New Bedford, where the cable sheath is connected to the railway return conductors. If the Dartmouth water pipe should be extended in Slocum Road across the underground cable, the pipe would be damaged by electrolysis in a short time, unless it is properly shielded so that electricity will not flow off of it through the ground to the cable.

The electric currents flowing on the water pipes in Dartmouth are so small that no damage from electrolysis has been discovered, except in the wet filled-in ground on Bridge Street where frequent renewal of lead service pipes has been necessary.

The conditions are favorable for electrolysis at Cottage Street on the easterly shore of Apponegansett River but so far no damage has been discovered at this place.

Without doubt more damage would have been done by electrolysis in Dartmouth if insulating joints had not been installed and if non-conducting joint compound had not been used in laying the water pipes.

The corrosion of the service pipes at Bridge Street would be stopped by using, in place of lead service pipes, cement-lined iron service pipes laid in the center of wooden or fibre ducts with the space surrounding the pipes filled with slacked lime putty to keep out the ground water. If the Railway Company adopts measures to eliminate most of the electrical disturbance in the ground at Padanaram, as herein recommended, lead service pipes could then probably be maintained in Bridge Street if they were connected to a zinc ground plate sunk in the harbor, but on account of the high resistance of the joints in the water mains it would probably be necessary to connect each of the service pipes to be protected to the ground plate for proper protection.

At Chase's Dairy on Old Westport Road in North Dartmouth no trace of electric current was found on the service

pipe. This indicates that the corrosion of the boilers at the dairy was due to local conditions on the premises, for which the Town was in no way responsible.

UNION STREET RAILWAY COMPANY

Underground Cables.

In Purchase and Union Streets, the underground railway cable sheaths are positive, as much as 1.0 volt, with reference to the railway tracks and 1.5 volts with reference to water pipes and telephone cable sheaths. Under these conditions they are liable to be injured by electrolysis at these places and better electrical drainage should be provided to protect them.

Measures for Reducing Electrolysis.

Within the City limits the electrical disturbances in the ground, due to the operations of the electric railway with a grounded return, should be reduced as much as possible by regularly inspecting the tracks and promptly repairing defective rail bonds, and by relaying the old tracks from time to time with heavier rails. This work should be carried on diligently where light weight rails are still in use on Brock Avenue, Dartmouth Street and Summer Street.

It does not seem to be possible at reasonable expense to permanently remedy the unsatisfactory conditions along the outer section of the Dartmouth Street line in Padanaram, of the Acushnet Avenue line north of Lund's Corner, and of the Mattapoisett line beyond East Fairhaven, by relaying the tracks with heavy rails. There are now differences of potential of 25 to 55 volts between the tracks and the water and gas pipes on these lines and it would be difficult and very expensive to reduce them by heavier construction, and maintain in this manner satisfactory condition, in the future.

If arrangements could be made by the Railway Company to abandon and remove the railway tracks in South Dartmouth beyond Bliss Corner, in New Bedford beyond Lund's Corner, and in Mattapoisett beyond East Fairhaven, and handle the traffic, which is not very heavy, beyond these points with buses, it would permanently remedy the unsatisfactory electrical condition of the gas and water pipes in these districts, which are at a considerable distance from the Railway Power Station.

I recommend this plan for careful consideration as it is important that something should be done in the near future to

reduce the quantity of stray railway current now returning over the East Fairhaven and Mattapoisett gas mains to a minimum, and to remedy the conditions affecting the gas and water pipes in Padanaram.

In order to provide for better drainage back to the Power Station or stray railway current from the water pipes and cable sheaths, within the City, I recommend that the Railway Company run an insulated return conductor of large capacity, to be used for drainage purposes only, from the Power Station to Middle and Front Streets, to which the water pipes and cable sheaths can be bonded. This would lower the potential of the pipes and cable sheaths somewhat below the present voltage and more completely protect them from electrolysis.

• Respectfully submitted,

(Signed) WILLIAM E. FOSS,

Consulting Engineer.

TABLE NO. I.

CITY OF NEW BEDFORD
UNDERGROUND STRUCTURES

- A. SHEATHS OF SEWER DEPARTMENT CABLES.
1. Potential with Reference to Ground.
 2. Potential with Reference to Street Railway Tracks.
 3. Potential with Reference to Telephone Cable Sheaths.
 4. Potential with Reference to Water Pipes.
 5. Electric Current on Cable Sheaths.
- B. WATER PIPES.
1. Potential with Reference to Street Railway Tracks.
 2. Potential with Reference to Ground.
 3. Potential with Reference to Gas Pipes.
 4. Potential with Reference to Electric Cable Sheaths.
 5. Potential with Reference to Telephone Cable Sheaths.
 6. Potential with Reference to Railway Cable Sheaths.
 7. Electric Current on Water Pipes.

TABLE NO. I.
CITY OF NEW BEDFORD
UNDERGROUND STRUCTURES

A.

LEAD SHEATHS OF SEWER DEPT. ELECTRIC CABLES

| No. | Location | Date | Time | Potential Volts | | Remarks |
|---|--|---------|------------|--------------------|--------------|----------------|
| | | | | — | + | |
| A-1. POTENTIAL WITH REFERENCE TO THE GROUND | | | | | | |
| 1 | Cove Rd. at Pumping Station | July 26 | 9:40 A.M. | 0.1 | 0.10 | In lawn |
| 2 | Cove Rd. at Pumping Station | July 26 | 10:10 | | 0.01 0.05 | In catch basin |
| 3 | Cove Rd. at Pumping Station | July 26 | 10:15 | | 0.05 0.10 | In sewer |
| 4 | W. Rodney French Blvd. at Woodlawn St. | July 26 | 11:50 | 0.50 | 1.00 | In ocean |
| 5 | W. Rodney French Blvd. at Screen House | July 26 | 12:35 P.M. | 0.10 | 0.15 | In ocean |

A-2. POTENTIAL WITH REFERENCE TO UNION ST.
RAILWAY TRACKS

| | | | | | | |
|---|------------------------|---------|------------|------------|--|--|
| 6 | Cove Rd. at Brock Ave. | July 26 | 11:15 A.M. | 1.0 4.5 | | |
|---|------------------------|---------|------------|------------|--|--|

A-3. POTENTIAL WITH REFERENCE TO TELEPHONE
CABLE SHEATH

| | | | | | | |
|---|------------------------|---------|------------|--|------------|--|
| 7 | Cove Rd. at Brock Ave. | July 26 | 11:10 A.M. | | 0.4 0.8 | |
|---|------------------------|---------|------------|--|------------|--|

A-4. POTENTIAL WITH REFERENCE TO WATER PIPES

| | | | | | | |
|---|--|---------|------------|---------------|--------------|--|
| 8 | Cove Rd. at Pumping Station | July 26 | 10:20 A.M. | | 0.02 0.05 | |
| 9 | W. Rodney French Blvd. at Screen House | July 26 | 12:25 P.M. | 0.005 0.01 | | |

A-5. ELECTRIC CURRENT FLOWING ON LEAD SHEATHS

| | | | | | | |
|----|--|---------|------------|--|--|--|
| 10 | W. Rodney French Blvd. at Woodlawn St. | July 26 | 11:55 A.M. | | | |
|----|--|---------|------------|--|--|--|

A fall of potential of 3 milli volts to the north in 5 feet of cable including a splice sleeve and of 2 milli volts to the south indicates appreciable current flow in both directions.

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential Volts | | Remarks |
|--|------------------|------|-------|--------------------|-----|---------|
| | | | | — | + | |
| | | 1928 | | | | |
| B-1. POTENTIAL WITH REFERENCE TO UNION ST. RAILWAY TRACKS | | | | | | |
| ACUSHNET AVE. LINE | | | | | | |
| 11 | Rivet St. | July | 2:10 | 0.2 | | |
| | | 31 | P.M. | 4.2 | | |
| 12 | Potomska St. | July | 2:25 | 0.2 | | |
| | | 31 | | 3.5 | | |
| 13 | South St. | July | 2:35 | 0.5 | | |
| | | 31 | | 3.0 | | |
| 14 | Howland St. | July | 2:45 | 0.5 | | |
| | | 31 | | 3.0 | | |
| 15 | Bedford St. | July | 3:00 | 0.2 | | |
| | | 31 | | 2.0 | | |
| 16 | Madison St. | July | 3:10 | 0.6 | | |
| | | 31 | | 1.4 | | |
| 17 | Spring St. | July | 2:35 | 0.5 | | |
| | | 12 | P.M. | 1.0 | | |
| 18 | Union St. | July | 3:30 | 0.1 | | |
| | | 31 | P.M. | 1.4 | | |
| 19 | William St. | July | 3:45 | 0.2 | 0.4 | |
| | | 31 | | | | |
| 20 | Weld St. | Aug. | 3:45 | 0.5 | | |
| | | 2 | P.M. | 2.5 | | |
| 21 | Sawyer St. | July | 3:20 | 2.0 | | |
| | | 27 | P.M. | 6.0 | | |
| 22 | Hathaway St. | July | 9:45 | 1.2 | | |
| | | 16 | A.M. | 7.7 | | |
| 23 | Conduit St. | Aug. | 11:30 | 1.0 | | |
| | | 11 | A.M. | 8.0 | | |
| 24 | Tarkiln Hill Rd. | July | 9:15 | 1.0 | | |
| | | 31 | A.M. | 12.0 | | |
| 25 | Mill Road | July | 9:40 | 1.0 | | |
| | | 31 | | 11.0 | | |

WATER REPORT

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TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential Volts | | Remarks |
|--|---------------|------|-------|--------------------|---|----------------------|
| | | | | — | + | |
| B-1. POTENTIAL WITH REFERENCE TO UNION ST. RAILWAY TRACKS | | | | | | |
| ACUSHNET AVE. LINE | | | | | | |
| 26 | Sterling St. | July | 9:55 | 1.0 | | |
| | | 31 | A.M. | 5.0 | | |
| 27 | Sterling St. | July | 10:00 | 5.0 | | |
| | | 31 | | 17.0 | | |
| 28 | Ashley Blvd. | July | 10:10 | 1.0 | | |
| | | 31 | | 18.0 | | |
| 29 | Phillips Road | Aug. | 2:27 | 1.0 | | |
| | | 6 | P.M. | 5.0 | | |
| 30 | Phillips Road | Aug. | 2:32 | 1.0 | | |
| | | 6 | | 23.0 | | |
| 31 | Phillips Road | Aug. | 2:38 | 27.0 | | |
| | | 6 | | | | |
| 32 | Phillips Road | Aug. | 2:43 | 15.0 | | |
| | | 6 | | | | |
| 33 | Phillips Road | Aug. | 2:50 | 0.5 | | |
| | | 6 | | 6.0 | | |
| 34 | Phillips Road | Aug. | 2:51 | 22.0 | | |
| | | 6 | | | | |
| 35 | Nye Road | July | 10:15 | 0.5 | | |
| | | 31 | A.M. | 10.0 | | |
| 36 | Nye Road | July | 10:25 | 5.0 | | |
| | | 31 | A.M. | 18.0 | | |
| 37 | Braley Road | July | 10:35 | 2.0 | | |
| | | 31 | A.M. | 12.0 | | |
| 38 | Peckham Lane | Aug. | 2:05 | 0.5 | | |
| | | 9 | P.M. | 12.0 | | |
| 39 | Peckham Lane | Aug. | 2:15 | 11.0 | | |
| | | 9 | | 13.0 | | |
| 40 | Freetown | July | 10:45 | 2.0 | | Car at Lunds Cor. |
| | | 31 | A.M. | 12.0 | | |
| 41 | Freetown | July | 10:50 | 1.0 | | |
| | | 31 | | 18.0 | | |
| 42 | Freetown | July | 10:53 | 2.0 | | |
| | | 31 | | 25.0 | | |
| 43 | Freetown | July | 10:55 | 35.0 | | |
| | | 31 | | | | |
| 44 | Freetown | July | 10:57 | 25.0 | | |
| | | 31 | | 31.0 | | |

WATER REPORT

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential | | Remarks |
|---|---------------|---------|------------|-----------|-----|-------------------------------|
| | | | | 1928 | — + | |
| B-1. POTENTIAL WITH REFERENCE TO UNION ST. RAILWAY TRACKS | | | | | | |
| ACUSHNET AVE. LINE | | | | | | |
| 45 | Freetown | July 31 | 10:58 A.M. | 48.0 | | |
| 46 | Freetown | July 31 | 11:01 | 56.0 | | Car arrives from Lunds Corner |
| 47 | Freetown | Aug. 9 | 2:30 P.M. | 18.0 | 0.7 | Car leaves Lunds Cor. |
| 48 | Freetown | Aug. 9 | 2:35 | 25.0 | | |
| | | | | 27.0 | | |
| 49 | Freetown | Aug. 9 | 2:38 | 3.0 | | |
| | | | | 28.0 | | |
| 50 | Freetown | Aug. 9 | 2:51 | 1.0 | | |
| | | | | 43.0 | | Car leaving |
| 51 | Freetown | Aug. 9 | 2:55 | 35.0 | 2.0 | |
| ARNOLD ST. LINE | | | | | | |
| 52 | Rotch St. | Aug. 6 | 11:00 A.M. | 0.2 | | |
| | | | | 6.0 | | |
| 53 | Tremont St. | Aug. 6 | 11:20 | 0.5 | | |
| | | | | 3.0 | | |
| 54 | Park St. | Aug. 6 | 10:50 | 0.3 | | |
| | | | | 3.0 | | |
| 55 | Ash St. | Aug. 16 | 4:40 P.M. | 1.0 | | |
| | | | | 5.0 | | |
| BEDFORD ST. LINE | | | | | | |
| 56 | County St. | Aug. 8 | 9:05 A.M. | 0.5 | | |
| | | | | 4.5 | | |
| 57 | Purchase St. | Aug. 2 | 1:30 P.M. | 0.7 | | |
| | | | | 3.5 | | |
| 58 | Acushnet Ave. | July 31 | 3:00 P.M. | 0.2 | | |
| | | | | 2.0 | | |
| BRIGHAM ST. LINE | | | | | | |
| 59 | Allen St. | July 17 | 3:50 P.M. | 0.1 | | |
| | | | | 4.0 | | |
| 60 | Hathaway St. | July 17 | 3:25 | 0.5 | | |
| | | | | 6.0 | | |

WATER REPORT

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TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location. | Date | Time | Potential Volts | | Remarks |
|--|------------------------|---------|------------|--------------------|-----|-------------|
| | | | | — | + | |
| B-1. POTENTIAL WITH REFERENCE TO UNION ST. RAILWAY TRACKS | | | | | | |
| BROCK AVE. LINE | | | | | | |
| 61 | S. Rodney French Blvd. | Aug. 1 | 9:15 A.M. | 0.5 | | |
| 62 | S. Rodney French Blvd. | Aug. 1 | 9:20 | 1.0 | | |
| 63 | S. Rodney French Blvd. | Aug. 1 | 9:23 | 14.0 | | Car leaving |
| 64 | S. Rodney French Blvd. | Aug. 1 | 9:30 | 2.0 | 2.0 | |
| 65 | S. Rodney French Blvd. | Aug. 1 | 9:32 | 5.0 | | Car leaving |
| 66 | Capitol St. | Aug. 1 | 10:00 A.M. | 13.0 | 0.5 | |
| 67 | Willard St. | Aug. 1 | 11:25 | 5.0 | 1.0 | |
| 68 | David St. | Aug. 1 | 11:15 | 0.5 | | |
| 69 | Water St. | Aug. 1 | 11:50 | 0.5 | | |
| | | | | 5.0 | | |
| CEDAR ST. LINE | | | | | | |
| 70 | Kempton St. | July 10 | 2:55 P.M. | 0.1 | | |
| 71 | Kempton St. | Aug. 16 | 4:25 | 1.5 | | |
| 72 | Sycamore St. | July 10 | 3:10 P.M. | 0.4 | | |
| 73 | Parker St. | July 10 | 3:20 | 0.6 | | |
| 74 | Robeson St. | July 10 | 3:30 | 0.8 | | |
| 75 | Durfee St. | July 10 | 3:35 | 0.8 | | |
| | | | | 6.5 | | |
| DARTMOUTH ST. LINE | | | | | | |
| 76 | Rockdale Ave. | Aug. 8 | 10:35 A.M. | 10.0 | 0.6 | |
| 77 | Stowell St. | Aug. 8 | 10:20 | 11.0 | 0.3 | |

WATER REPORT

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date 1928 | Time | Potential Volts | | Remarks |
|-----|----------|--------------|------|--------------------|---|---------|
| | | | | — | + | |

B-1. POTENTIAL WITH REFERENCE TO UNION ST.
RAILWAY TRACKS

DARTMOUTH ST. LINE

| | | | | | | |
|-----------------|-----------|---------------|------------|-----|--|--|
| 78 Thompson St. | Aug. 8 | 10:05 A.M. | 0.1 9.0 | | | |
| 79 Oak St. | Aug. 8 | 9:55 | 6.0 | 0.1 | | |
| 80 Borden St. | Aug. 8 | 9:40 | 0.1 5.0 | | | |
| 81 Bonney St. | Aug. 8 | 9:20 | 0.1 6.0 | | | |

DURFEE ST. LINE

| | | | | | | |
|---------------|------------|---------------|------------|--|--|--|
| 82 DeWolf St. | July 10 | 3:42 P.M. | 1.0 5.0 | | | |
| 83 Cedar St. | July 10 | 3:35 | 0.8 6.5 | | | |
| 84 Summer St. | July 30 | 10:00 A.M. | 0.5 4.0 | | | |

ELM ST. LINE

| | | | | | | |
|---------------|------------|---------------|------------|-----|--|--|
| 85 Ash St. | Aug. 6 | 10:30 A.M. | 0.4 3.0 | | | |
| 86 Summer St. | July 30 | 11:10 A.M. | 0.3 2.5 | | | |
| 87 Sixth St. | Aug. 6 | 9:10 A.M. | 2.2 | 0.1 | | |

FIRST ST.

| | | | | | | |
|-------------|-----------|--------------|------------|--|--|--|
| 88 Cove St. | Aug. 1 | 2:15 P.M. | 0.5 4.5 | | | |
|-------------|-----------|--------------|------------|--|--|--|

FRONT ST.

| | | | | | | |
|----------------|------------|--------------|------------|--|--|--|
| 89 Coffin Ave. | July 18 | 3:45 P.M. | 1.5 4.5 | | | |
|----------------|------------|--------------|------------|--|--|--|

KEMPTON ST. LINE

| | | | | | | |
|----------------------|------------|--------------|-------------|--|--|--|
| 90 Commonwealth Ave. | July 10 | 1:30 P.M. | 4.0 9.0 | | | |
| 91 Commonwealth Ave. | July 10 | 1:35 | 1.0 15.0 | | | |
| 92 Commonwealth Ave. | July 10 | 1:40 | 1.0 4.0 | | | |

WATER REPORT

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TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential Volts | | Remarks |
|--|---|------|-------|--------------------|-----|---------|
| | | | | — | + | |
| B-1. POTENTIAL WITH REFERENCE TO UNION ST. RAILWAY TRACKS | | | | | | |
| KEMPTON ST. LINE | | | | | | |
| 93 | Jenny Lind St. | July | 1:50 | 2.0 | | |
| | | 10 | P.M. | 5.0 | | |
| 94 | Jenny Lind St. | July | 1:55 | 0.5 | | |
| | | 10 | | 10.5 | | |
| 95 | Beech St. | July | 2:05 | 0.5 | | |
| | | 10 | P.M. | 9.0 | | |
| 96 | Jenney St. | July | 2:15 | 0.5 | | |
| | | 10 | | 7.5 | | |
| 97 | Park St. | July | 2:25 | 0.2 | | |
| | | 10 | | 5.0 | | |
| 98 | Ash St. | July | 2:37 | 0.4 | | |
| | | 10 | | 5.5 | | |
| 99 | Cedar St. | July | 2:55 | 0.1 | | |
| | | 10 | | 3.5 | | |
| 100 | Summer St. | July | 10:25 | 0.5 | | |
| | | 17 | A.M. | 3.5 | | |
| 101 | County St. | July | 11:30 | 0.2 | | |
| | | 30 | A.M. | 3.5 | | |
| 102 | Hill St. | July | 11:40 | 0.3 | | |
| | | 30 | | 1.7 | | |
| 103 | Purchase St. | July | 11:50 | 0.1 | | |
| | | 30 | | 0.6 | | |
| MIDDLE ST. LINE | | | | | | |
| 104 | Second St. | Aug. | 3:05 | | 0.9 | |
| | | 3 | P.M. | | 1.7 | |
| 105 | Bridge Park | Aug. | 11:20 | | 0.5 | |
| | | 9 | A.M. | | 1.8 | |
| 106 | Water St. | Aug. | 2:10 | | 0.3 | |
| | | 3 | P.M. | | 0.8 | |
| 106a | Water pipe bond at Pow. Sta. & Rwy. track on bridge 200' N. | Oct. | 2:40 | 0.5 | | |
| | | 19 | P.M. | 2.0 | | |
| 107 | Fish Island | Aug. | 1:50 | | 0.1 | |
| | | 3 | P.M. | | 0.3 | |
| 108 | Pope's Island | Aug. | 11:25 | 0.9 | 0.2 | |
| | | 3 | A.M. | | | |

WATER REPORT

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential Volts | | Remarks |
|-----|----------|------|------|--------------------|---|---------|
| | | | | — | + | |

B-1. POTENTIAL WITH REFERENCE TO UNION ST.
RAILWAY TRACKS

PURCHASE ST. LINE

| | | | | | | |
|-----|----------------|------|-------|-----|-----|--|
| 109 | Thompson St. | Aug. | 1:15 | 0.8 | | |
| | | 2 | P.M. | 5.0 | | |
| 110 | Washington St. | Aug. | 1:20 | 0.5 | | |
| | | 2 | | 3.0 | | |
| 111 | Bedford St. | Aug. | 1:30 | 0.7 | | |
| | | 2 | | 3.5 | | |
| 112 | Walnut St. | Aug. | 1:50 | 1.8 | 0.1 | |
| | | 2 | | | | |
| 113 | Union St. | Aug. | 2:10 | 0.1 | | |
| | | 2 | | 1.1 | | |
| 114 | Mechanics Lane | Aug. | 2:20 | 0.8 | 0.1 | |
| | | 2 | | | | |
| 115 | Middle St. | Aug. | 2:25 | 0.4 | 0.2 | |
| | | 2 | | | | |
| 116 | High St. | Aug. | 2:35 | 0.4 | 0.3 | |
| | | 2 | | | | |
| 117 | Kempton St. | July | 11:50 | 0.1 | | |
| | | 30 | A.M. | 0.6 | | |
| 118 | Hillman St. | Aug. | 2:50 | 0.1 | | |
| | | 2 | P.M. | 0.9 | | |
| 119 | Campbell St. | Aug. | 3:00 | 0.2 | | |
| | | 2 | | 0.6 | | |
| 120 | Pope St. | Aug. | 3:15 | 0.5 | | |
| | | 2 | | 2.0 | | |
| 121 | Hazard St. | Aug. | 3:30 | 0.8 | | |
| | | 2 | | 2.0 | | |
| 122 | Weld St. | Aug. | 3:45 | 0.5 | | |
| | | 2 | | 2.5 | | |

RIVET ST. LINE

| | | | | | | |
|-----|-------------|------|------|-----|--|--|
| 123 | Orchard St. | July | 1:45 | 0.5 | | |
| | | 31 | P.M. | 4.5 | | |
| 124 | Crapo St. | July | 1:55 | 1.0 | | |
| | | 31 | | 4.0 | | |
| 125 | County St. | July | 2:00 | 1.0 | | |
| | | 31 | | 5.0 | | |

WATER REPORT

75 y

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date 1928 | Time | Potential Volts | | Remarks |
|-----|----------|--------------|------|--------------------|---|---------|
| | | | | — | + | |

B-1. POTENTIAL WITH REFERENCE TO UNION ST.
RAILWAY TRACKS.

RIVET ST. LINE

| | | | |
|-------------------|------|------|-----|
| 126 Acushnet Ave. | July | 2:10 | 0.2 |
| | 31 | P.M. | 4.2 |
| 127 Water St. | July | 2:15 | 0.5 |
| | 31 | | 5.0 |

SAWYER ST. LINE

| | | | |
|---------------------|------|------|-----|
| 128 Summer St. | July | 3:40 | 1.0 |
| | 16 | P.M. | 5.0 |
| 129 Summer St. | July | 3:50 | 0.5 |
| | 27 | P.M. | 4.5 |
| 130 Purchase St. | July | 3:30 | 1.0 |
| | 27 | | 6.0 |
| 131 Acushnet Ave. | July | 3:20 | 2.0 |
| | 27 | | 6.0 |
| 132 Belleville Ave. | July | 3:05 | 1.0 |
| | 27 | | 6.0 |

SUMMER ST. LINE

| | | | |
|------------------|------|-------|-----|
| 133 Elm St. | July | 11:10 | 0.3 |
| | 30 | A.M. | 2.5 |
| 134 Kempton St. | July | 10:20 | 0.5 |
| | 17 | A.M. | 3.5 |
| 135 North St. | July | 10:40 | 0.2 |
| | 30 | A.M. | 3.0 |
| 136 Sycamore St. | July | 10:30 | 0.1 |
| | 30 | | 4.5 |
| 137 Parker St. | July | 10:20 | 0.1 |
| | 30 | | 2.5 |
| 138 Robeson St. | July | 10:10 | 0.1 |
| | 30 | | 4.5 |
| 139 Linden St. | July | 10:00 | 0.5 |
| | 30 | | 4.0 |
| 140 Clark St. | July | 9:15 | 0.5 |
| | 30 | | 6.0 |
| 141 Peckham St. | July | 3:55 | 1.0 |
| | 27 | P.M. | 7.0 |
| 142 Sawyer St. | July | 3:50 | 0.5 |
| | 27 | | 5.0 |

WATER REPORT

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential Volts | | Remarks |
|-----|----------|------|------|--------------------|---|---------|
| | | | | — | + | |

B-1. POTENTIAL WITH REFERENCE TO UNION ST.
RAILWAY TRACKS

UNION ST. LINE

| | | | | | | |
|-----|---------------|------|-------|-----|-----|--|
| 143 | Ash St. | Aug. | 10:20 | 0.3 | | |
| | | 6 | A.M. | 4.5 | | |
| 144 | Cottage St. | Aug. | 10:10 | 0.1 | | |
| | | 6 | | 1.9 | | |
| 145 | County St. | Aug. | 9:55 | 1.7 | 0.1 | |
| | | 6 | | | | |
| 146 | Sixth St. | Aug. | 9:35 | 1.5 | 0.1 | |
| | | 6 | | | | |
| 147 | Purchase St. | Aug. | 2:10 | 0.1 | | |
| | | 2 | P.M. | 1.1 | | |
| 148 | Acushnet Ave. | July | 3:30 | 0.1 | | |
| | | 31 | P.M. | 1.4 | | |
| 149 | Second St. | Aug. | 3:30 | 0.5 | 0.3 | |
| | | 3 | P.M. | | | |

WATER ST. LINE

| | | | | | | |
|-----|--------------|------|-------|-----|--|--|
| 150 | Brock Ave. | Aug. | 11:50 | 0.5 | | |
| | | 1 | A.M. | 5.0 | | |
| 151 | Gifford St. | July | 3:25 | 0.3 | | |
| | | 25 | P.M. | 7.0 | | |
| 152 | Blackmer St. | Aug. | 2:45 | 1.0 | | |
| | | 1 | P.M. | 4.5 | | |
| 153 | Rivet St. | July | 2:15 | 0.5 | | |
| | | 31 | P.M. | 5.0 | | |

WILLIAM ST. LINE

| | | | | | | |
|-----|---------------|------|------|-----|-----|--|
| 154 | Sixth St. | Aug. | 9:10 | 2.2 | 0.1 | |
| | | 6 | A.M. | | | |
| 155 | Acushnet Ave. | July | 3:45 | 0.2 | 0.4 | |
| | | 31 | P.M. | | | |
| 156 | Water St. | Aug. | 2:55 | 0.1 | 0.3 | |
| | | 3 | P.M. | | | |

WATER REPORT

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TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential Volts | | Remarks |
|--|---------------|------|-------|--------------------|-------|-------------|
| | | | | — | + | |
| *B-2. POTENTIAL WITH REFERENCE TO GROUND | | | | | | |
| ACUSHNET. | | | | | | |
| 157 | Potomska St. | July | 2:30 | 0.4 | | |
| | | 31 | P.M. | 1.0 | | |
| 158 | Bedford St. | July | 3:05 | 0.1 | | |
| | | 31 | | 0.8 | | |
| 159 | Madison St. | July | 3:20 | | 0.005 | |
| | | 31 | | | | |
| 160 | William St. | July | 3:50 | | 0.2 | |
| | | 31 | | | 0.4 | |
| 160a | Willis St. | Aug. | 2:35 | | 0.1 | |
| | | 10 | | | 0.5 | |
| 161 | Nye Road | July | 10:20 | 0.1 | | |
| | | 31 | A.M. | 0.5 | | |
| 162 | Freetown | July | 10:50 | 0.2 | | |
| | | 31 | | 0.4 | | |
| AKIN DENISON CO. | | | | | | |
| 163 | Wharf | July | 9:50 | | 0.2 | Earth in |
| | | 27 | A.M. | | 0.4 | trench |
| 164 | Wharf | July | 11:25 | | 0.2 | Water in |
| | | 27 | | | 0.7 | River |
| ARNOLD ST. | | | | | | |
| 165 | Tremont St. | Aug. | 11:30 | 0.1 | 0.1 | Water in |
| | | 6 | A.M. | | | catch basin |
| BEDFORD ST. | | | | | | |
| 166 | County St. | Aug. | 9:15 | 0.1 | | |
| | | 8 | A.M. | 0.2 | | |
| 167 | Purchase St. | Aug. | 1:35 | 0.2 | | |
| | | 2 | P.M. | 1.2 | | |
| 168 | Acushnet Ave. | July | 3:05 | 0.1 | | |
| | | 31 | P.M. | 0.8 | | |
| BLACKKMER ST. | | | | | | |
| 169 | Water St. | Aug. | 2:50 | 0.05 | 0.005 | |
| | | 1 | P.M. | | | |
| 170 | East End | Aug. | 12:55 | 0.2 | 0.8 | Water in |
| | | 2 | P.M. | | | Harbor |

*To water in catch basin except as noted.

WATER REPORT

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date 1928 | Time | Potential Volts | | Remarks |
|--|-----------------------|--------------|------------|--------------------|-----|------------------|
| | | | | — | + | |
| *B-2. POTENTIAL WITH REFERENCE TO GROUND | | | | | | |
| BROCK AVE. | | | | | | |
| 171 | W. Rodney French Bld. | Aug. 1 | 9:30 A.M. | 0.1 | | Pick axe in turf |
| 172 | Hudson St. | Aug. 1 | 9:40 | 0.1 | | |
| 173 | Capitol St. | Aug. 1 | 10:10 | 0.4 | 0.1 | |
| 174 | Willard St. | Aug. 1 | 11:30 | 0.4 | 0.1 | |
| 175 | David St. | Aug. 1 | 11:20 | 0.1 | 0.1 | |
| COFFIN AVE. | | | | | | |
| 176 | Belleville Ave. | Aug. 3 | 9:15 A.M. | | 0.4 | Water in River |
| 177 | East End | Aug. 3 | 9:20 | | 0.2 | Water in River |
| COMMERCIAL ST. | | | | | | |
| 178 | East End | Aug. 3 | 2:40 P.M. | 0.1 | | Water in Harbor |
| COVE ROAD. | | | | | | |
| 179 | Rockdale Ave. | Aug. 1 | 1:35 P.M. | | 0.1 | Water in Ocean |
| 180 | Bonney St. | Aug. 1 | 1:45 | 0.4 | 0.2 | Water in Ocean |
| 181 | Bonney St. | Aug. 1 | 1:50 | 0.2 | 0.2 | |
| 182 | Shore St. | Aug. 1 | 2:05 | 0.4 | 0.7 | Water in Ocean |
| COVE ST. | | | | | | |
| 183 | First St. | Aug. 1 | 2:20 | 0.2 | | |
| 184 | Salisbury St. | July 25 | 3:20 P.M. | 0.2 | | |
| DARTMOUTH ST. | | | | | | |
| 185 | Stowell St. | Aug. 8 | 10:30 A.M. | 0.1 | | |
| 186 | Borden St. | Aug. 8 | 9:45 | 0.5 | 0.1 | |

*To water in catch basin except as noted.

WATER REPORT

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TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential Volts | | Remarks |
|--|---------------------------------------|------|-------|--------------------|------|----------|
| | | | | — | + | |
| *B-2. POTENTIAL WITH REFERENCE TO GROUND | | | | | | |
| ELM ST. | | | | | | |
| 187 | Ash St. | Aug. | 10:35 | 0.1 | | |
| | | 6 | A.M. | 1.0 | | |
| 188 | Summer St. | July | 11:20 | 0.1 | | Pick axe |
| | | 30 | A.M. | 0.4 | | in turf |
| 189 | Sixth St. | Aug. | 9:20 | 0.1 | 0.05 | |
| | | 6 | A.M. | | | |
| FRONT ST. | | | | | | |
| 190 | South of Middle St. | Aug. | 9:50 | 0.05 | 0.10 | Water in |
| | | 4 | A.M. | | | trench |
| 191 | South of Logan St. | Aug. | 11:00 | 0.05 | | |
| | | 11 | A.M. | | | |
| 192 | Wamsutta St. | July | 2:25 | | 0.2 | Water in |
| | | 27 | P.M. | | 1.0 | River |
| GIFFORD ST. | | | | | | |
| 193 | East End | July | 3:10 | 0.2 | | Pick axe |
| | | 25 | P.M. | 0.3 | | in turf |
| GRINNELL ST. | | | | | | |
| 194 | East End | Aug. | 3:40 | 0.05 | 0.15 | Water in |
| | | 3 | P.M. | | | Harbor |
| HARBOR ST. | | | | | | |
| 195 | South of Gifford St. | July | 2:40 | 0.2 | | |
| | | 25 | P.M. | 0.9 | | |
| HATHAWAY MILL No. 2. | | | | | | |
| 196 | Engine Room Basement | July | 3:50 | 0.05 | | Water in |
| | | 25 | P.M. | 0.10 | | trench |
| 197 | Courtyard | July | 4:10 | 0.05 | | Pick axe |
| | | 25 | | 0.10 | | in turf |
| HIGH HILL RESERVOIR. | | | | | | |
| 198 | Old by-pass valve at S. E. Cor. | Aug. | 10:40 | 0.1 | 0.1 | Pick axe |
| | | 7 | A.M. | | | in turf |
| 199 | Old by-pass valve at Inlet to Res. | Aug. | 11:35 | | 0.1 | Pick axe |
| | | 7 | | | | in turf |

*To water in catch basin except as noted.

WATER REPORT

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential | | Remarks |
|--|---|------------|---------------|------------|----------------|-----------------------|
| | | | | Volts | | |
| — + | | | | | | |
| *B-2. POTENTIAL WITH REFERENCE TO GROUND | | | | | | |
| HOWARD AVE. | | | | | | |
| 200 | East End | Aug. 3 | 9:40 A.M. | | 0.2 0.4 | Water in River |
| LAKE AVE. | | | | | | |
| 201 | Buttonwood Pond | Aug. 8 | 11:25 A.M. | 0.1 | 0.05 | |
| LITTLE QUITTACAS POND. | | | | | | |
| 202 | Force Main at Pump- ing Sta. | July 30 | 3:00 P.M. | | 0.2 0.25 | Water in well |
| MIDDLE ST. | | | | | | |
| 203 | Purchase St. | Aug. 2 | 2:25 P.M. | | 0.1 0.2 | |
| 204 | Second St. | Aug. 3 | 3:10 P.M. | | 0.4 0.8 | |
| 205 | Water St. | Aug. 3 | 2:15 | | 0.2 0.3 | |
| 206 | Front St. | Aug. 7 | 2:45 P.M. | | 0.1 | Water in in trench |
| 207 | East of Railroad & under bridge | Aug. 13 | 2:40 P.M. | 0.2 | 0.4 | Water in manhole |
| 208 | Fish Island | Aug. 3 | 1:55 P.M. | 0.5 0.8 | | Water in harbor |
| 209 | Pope's Island | Aug. 3 | 1:40 | 0.1 0.5 | | Water in harbor |
| MIDDLEBOROUGH RD. LAKE- VILLE) | | | | | | |
| 210 | Beaver Dam in Free- town—steel force main | July 30 | 5:15 P.M. | | 0.001 0.002 | In damp earth |
| 211 | Whitestone Brook in Freetown—steel force main | July 30 | P.M. | | 0.02 | In damp earth |
| 212 | North end of distribu- tion pipe line. | July 30 | 3:15 | | 0.5 | In ditch |

*To water in catch basin except as noted.

WATER REPORT

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TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential Volts | | Remarks |
|--|-------------------|------------|---------------|--------------------|-------------------|----------------------|
| | | | | — | + | |
| *B-2. POTENTIAL WITH REFERENCE TO GROUND | | | | | | |
| PURCHASE ST. | | | | | | |
| 213 | Bedford St. | Aug. 2 | 1:35 P.M. | 0.2 1.2 | | |
| 214 | Walnut St. | Aug. 2 | 2:00 | | 0.005 | |
| 215 | Middle St. | Aug. 2 | 2:25 | | 0.1 0.2 | |
| 216 | High St. | Aug. 2 | 2:40 | | 0.1 0.2 | |
| 217 | Hillman St. | Aug. 2 | 2:55 | 0.1 | 0.2 | |
| 218 | Campbell St. | Aug. 2 | 3:10 | 0.1 0.15 | | |
| 219 | Pope St. | Aug. 2 | 3:25 | | 0.1 0.2 | |
| 220 | Weld St. | Aug. 2 | 3:50 | | 0.1 0.3 | |
| RIVET ST. | | | | | | |
| 221 | Orchard St. | July 31 | 1:50 P.M. | 0.3 0.4 | | |
| 222 | Water St. | July 31 | 2:15 | 0.3 0.5 | | |
| E. RODNEY FRENCH BLVD. | | | | | | |
| 223 | Apponegansett St. | Aug. 1 | 10:35 A.M. | 0.3 | 1.2 | Water in Harbor |
| 224 | Frederick St. | Aug. 1 | 10:50 | 0.1 | 1.2 | Water in Harbor |
| 225 | David St. | Aug. 1 | 11:00 | | 0.1 | Water in Harbor |
| 226 | Abbott St. | Aug. 1 | 2:30 P.M. | | 0.7 0.2 0.4 | Harbor |
| W. RODNEY FRENCH BLVD. | | | | | | |
| 227 | Oaklawn St. | Aug. 1 | 10:20 A.M. | 0.8 | 2.5 | Water in Ocean |
| 228 | Oaklawn St. | Aug. 1 | 10:25 | | 0.1 | Water in catch basin |

*To water in catch basin except as noted.

WATER REPORT

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential | | Remarks |
|--|---------------------|------------|---------------|-------------|--------------|---------------------|
| | | | | Volts | | |
| — + | | | | | | |
| *B-2. POTENTIAL WITH REFERENCE TO GROUND | | | | | | |
| W. RODNEY FRENCH BLVD. | | | | | | |
| 229 | Willard St. | Aug. 1 | 11:35 A.M. | 0.8 | 1.5 | Water in Ocean |
| SAWYER ST. | | | | | | |
| 230 | Purchase St. | July 27 | 3:40 P.M. | 0.2 0.8 | | |
| 231 | Belleville Ave. | July 27 | 3:10 P.M. | | 0.1 0.2 | |
| 232 | East End | July 27 | 2:50 | | 0.2 0.4 | Water in River |
| SECOND ST. | | | | | | |
| 232a | North St. | Aug. 10 | 2:10 P.M. | | 0.1 0.5 | |
| 233 | Spring St. | July 31 | 3:35 P.M. | | 0.1 0.2 | |
| SUMMER ST. | | | | | | |
| 234 | Elm St. | July 30 | 11:20 A.M. | 0.1 0.4 | | Pick axe in turf |
| 235 | Sycamore St. | July 30 | 10:35 | 0.05 0.1 | | |
| 236 | Parker St. | July 30 | 10:25 | 0.05 | | |
| 237 | Clark St. | July 30 | 9:55 | | 0.10 0.15 | |
| TARKILN HILL RD. | | | | | | |
| 238 | East of Lambeth St. | Aug. 7 | 12:20 P.M. | 0.01 | | |
| 239 | River Road | Aug. 3 | 10:30 A.M. | | 0.1 0.3 | Water in River |
| TAUNTON-NEW BEDFORD COP- PER WORKS | | | | | | |
| 240 | Old Condenser Inlet | Aug. 11 | 9:40 A.M. | | 0.1 0.2 | Water in River |

*To water in catch basin except as noted.

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential | | Remarks |
|--|--------------------|------|-------|-----------|------|--------------|
| | | | | Volts | | |
| | | 1928 | | — | + | |
| *B-2. POTENTIAL WITH REFERENCE TO GROUND | | | | | | |
| UNION ST. | | | | | | |
| 241 | Ash St. | Aug. | 10:35 | 0.1 | | |
| | | 6 | A.M. | 1.0 | | |
| 242 | County St. | Aug. | 10:05 | 0.05 | 0.05 | |
| | | 6 | | | | |
| 243 | Sixth St. | Aug. | 9:40 | | 0.2 | |
| | | 6 | | | 0.25 | |
| VALVOLINE OIL CO. | | | | | | |
| 244 | Wharf | July | 1:40 | 0.05 | 0.2 | Water in |
| | | 27 | P.M. | | 0.4 | River |
| WINTERVILLE RD. | | | | | | |
| 245 | East of Jacintho | Aug. | 11:10 | 0.03 | | Ground spike |
| | | 8 | A.M. | | | in turf |
| WOOD ST. | | | | | | |
| 246 | East of River Road | Aug. | 10:10 | | 0.1 | Water in |
| | | 3 | A.M. | | 0.2 | River |

*To water in catch basin except as noted.

WATER REPORT

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential Volts | | Remarks |
|--|------------------|------|-------|--------------------|-------|---------|
| | | | | — | + | |
| B-3. POTENTIAL WITH REFERENCE TO GAS PIPES | | | | | | |
| ACUSHNET AVE. | | | | | | |
| 247 | Madison St. | July | 10:25 | 0.05 | | |
| | | 12 | A.M. | 0.15 | | |
| 248 | Spring St. | July | 2:45 | 0.2 | | |
| | | 12 | P.M. | | | |
| 249 | Campbell St. | July | 3:25 | 0.1 | | |
| | | 12 | | | | |
| 250 | Pearl St. | July | 3:55 | 0.05 | | |
| | | 12 | | 0.10 | | |
| 251 | Wamsutta St. | July | 4:10 | | 0.15 | |
| | | 12 | | | | |
| 252 | Coggeshall St. | July | 3:05 | 0.01 | 0.01 | |
| | | 18 | P.M. | | | |
| 253 | Sawyer St. | July | 10:55 | 0.005 | | |
| | | 14 | A.M. | 0.01 | | |
| 254 | Deane St. | July | 3:25 | 0.005 | | |
| | | 18 | P.M. | | | |
| 255 | Hathaway St. | July | 9:45 | | 0.25 | |
| | | 16 | A.M. | | | |
| 256 | Tarkiln Hill Rd. | July | 10:20 | | 0.001 | |
| | | 16 | | | 0.002 | |
| 257 | Phillips Rd. | July | 11:20 | 0.2 | | |
| | | 16 | | 1.5 | | |
| 258 | Freetown | July | 12:35 | 0.2 | | |
| | | 16 | P.M. | 0.4 | | |
| ARNOLD ST. | | | | | | |
| 259 | Chancery St. | July | 3:10 | | 0.05 | |
| | | 17 | P.M. | | | |
| ASH ST. | | | | | | |
| 260 | Middle St. | July | 10:35 | 0.2 | | |
| | | 17 | A.M. | 0.6 | | |
| BEDFORD ST. | | | | | | |
| 261 | County St. | July | 9:32 | | 0.01 | |
| | | 19 | A.M. | | 0.02 | |

WATER REPORT

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TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential | | Remarks |
|--|---------------|---------|------------|-----------|------|---------------------|
| | | | | Volts | | |
| B-3. POTENTIAL WITH REFERENCE TO GAS PIPES | | | | | | |
| BELLEVILLE AVE. | | | | | | |
| 262 | Sawyer St. | July 14 | 11:10 A.M. | 0.10 | | |
| 263 | Deane St. | July 16 | 9:25 A.M. | | 0.05 | |
| BRIGHAM ST. | | | | | | |
| 264 | Allen St. | July 17 | 3:45 P.M. | 0.05 | | |
| BROCK AVE. | | | | | | |
| 265 | Valentine St. | July 19 | 10:15 A.M. | 0.05 | | A. C. current noted |
| CEDAR ST. | | | | | | |
| 266 | Robeson St. | July 17 | 9:55 A.M. | 0.5 | | |
| 267 | Durfee St. | July 16 | 4:20 P.M. | 0.2 | | |
| DARTMOUTH ST. | | | | | | |
| 268 | Rockdale Ave. | July 19 | 3:05 P.M. | | 0.2 | |
| 269 | Matthew St. | July 19 | 2:40 | 0.1 | 0.6 | |
| 270 | Fruit St. | July 19 | 10:50 A.M. | 1.1 | | |
| 271 | Hickory St. | July 19 | 4:00 P.M. | 0.5 | | |
| 272 | Bay St. | July 19 | 4:20 | 2.0 | | |
| ELM ST. | | | | | | |
| 273 | Bethel St. | July 12 | 3:10 P.M. | 0.2 | | |

WATER REPORT

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential Volts | | Remarks |
|--|-------------------|------------|---------------|--------------------|-------|-------------------------|
| | | | | — | + | |
| B-3. POTENTIAL WITH REFERENCE TO GAS PIPES | | | | | | |
| FIRST ST. | | | | | | |
| 274 | Spring St. | July 12 | 2:50 P.M. | | 0.2 | |
| FRONT ST. | | | | | | |
| 275 | Coffin Ave. | July 18 | 3:47 P.M. | | 0.001 | A.C. cur- rent noted |
| GAS WORKS | | | | | | |
| 276 | Office basement | July 12 | 10:00 A.M. | 0.02 0.05 | | |
| KEMPTON ST. | | | | | | |
| 277 | Commonwealth Ave. | July 17 | 11:25 A.M. | 0.2 0.7 | | |
| 278 | Rockdale Ave. | July 17 | 11:00 A.M. | 0.2 0.4 | | |
| 279 | Newton, St. | July 17 | 10:55 A.M. | 0.2 0.6 | | |
| 280 | Summer St. | July 17 | 10:25 | 0.05 | | |
| MIDDLEBOROUGH RD. IN FREE-TOWN | | | | | | |
| 281 | County St. | July 16 | 12:05 P.M. | 0.001 | 0.001 | A.C. cur- rent noted |
| PURCHASE ST. | | | | | | |
| 282 | South St. | July 18 | 10:10 A.M. | | 0.05 | |
| 283 | Bedford St. | July 17 | 4:30 P.M. | 0.2 0.8 | | |
| 284 | Walnut St. | July 18 | 10:55 A.M. | 0.10 | 0.05 | |
| 285 | Union St. | July 18 | 11:20 | | 0.2 | |
| 286 | High St. | July 18 | 11:40 | | 0.005 | |
| 287 | Hillman St. | July 18 | 11:50 | | 0.05 | |

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential | | Remarks |
|--|--------------|------|-------|-----------|-------|---------|
| | | | | Volts | | |
| | | 1928 | | — | + | |
| B-3. POTENTIAL WITH REFERENCE TO GAS PIPES | | | | | | |
| PURCHASE ST. | | | | | | |
| 288 | Campbell St. | July | 12:05 | 0.1 | | |
| | | 18 | P.M. | 0.15 | | |
| 289 | Austin St. | July | 2:35 | 0.5 | | |
| | | 18 | | 1.0 | | |
| 290 | Weld St. | July | 2:45 | 0.01 | | |
| | | 16 | P.M. | | | |
| 291 | Clark St. | July | 10:00 | 0.20 | 0.001 | |
| | | 14 | A.M. | | | |
| 292 | Deane St. | July | 10:25 | 0.05 | 0.10 | |
| | | 14 | | | | |
| RIVET ST. | | | | | | |
| 293 | Orchard St. | July | 10:45 | 0.1 | | |
| | | 18 | A.M. | 1.0 | | |
| 294 | County St. | July | 10:35 | 0.7 | | |
| | | 18 | | 1.2 | | |
| 295 | Water St. | July | 9:47 | 0.5 | | |
| | | 19 | A.M. | 1.0 | | |
| SUMMER ST. | | | | | | |
| 296 | Kempton St. | July | 10:05 | 0.05 | | |
| | | 17 | A.M. | | | |
| 297 | Parker St. | July | 10:25 | 0.10 | 0.05 | |
| | | 17 | | | | |
| 298 | Clark St. | July | 4:00 | 0.01 | | |
| | | 16 | P.M. | | | |

WATER REPORT

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential | | Remarks |
|---|-----------------------------|------|-------|-----------|------|--------------------|
| | | | | Volts | | |
| | | 1928 | | — | + | |
| B-4. POTENTIAL WITH REFERENCE TO ELECTRIC CABLE SHEATHS | | | | | | |
| ACUSHNET AVE. | | | | | | |
| 299 | South St. | Aug. | 2:35 | | 0.1 | |
| | | 16 | P.M. | | 0.2 | |
| 300 | Madison St. | Aug. | 2:20 | | 0.1 | |
| | | 16 | | | 0.3 | |
| 301 | Middle St. | Aug. | 11:45 | | 0.1 | |
| | | 17 | A.M. | | 0.15 | |
| BELLEVILLE AVE. | | | | | | |
| 302 | Washburn St. | Aug. | 4:20 | | 0.2 | |
| | | 17 | P.M. | | 0.4 | |
| 303 | Sawyer St. | Aug. | 4:27 | | 0.2 | |
| | | 17 | P.M. | | 0.4 | |
| DAVID ST. | | | | | | |
| 304 | Near E. Rodney French Blvd. | Aug. | 3:05 | 0.001 | | |
| | | 16 | P.M. | | | |
| FRONT ST. | | | | | | |
| 305 | Union St. | Aug. | 11:25 | 0.1 | | |
| | | 17 | A.M. | 0.2 | | |
| 306 | Middle St. | Aug. | 9:30 | | 0.3 | |
| | | 16 | A.M. | | 0.5 | |
| HATHAWAY ST. | | | | | | |
| 307 | Riverside St. | Aug. | 4:50 | | 0.1 | |
| | | 7 | P.M. | | 0.3 | |
| HAWTHORNE ST. | | | | | | |
| 308 | Rockdale Ave. | Aug. | 3:50 | 0.2 | 0.2 | A.C. current noted |
| | | 16 | P.M. | | | |
| HEMLOCK ST. | | | | | | |
| 309 | Gosnold St. | Aug. | 3:30 | | 0.2 | |
| | | 16 | P.M. | | 0.3 | |
| KEMPTON ST. | | | | | | |
| 310 | Cedar St. | Aug. | 4:25 | | 0.3 | |
| | | 16 | P.M. | | 0.9 | |

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date 1928 | Time | Potential Volts | | Remarks |
|-----|----------|--------------|------|--------------------|----|---------|
| | | | | — | *+ | |

B 4. POTENTIAL WITH REFERENCE TO ELECTRIC
CABLE SHEATHS

SIXTH ST.

| | | | | | | |
|-----|------------|------------|---------------|-------|------|--------------------|
| 311 | Park Place | Aug. 17 | 10:25 A.M. | 0.001 | 0.05 | A.C. cur- noted |
|-----|------------|------------|---------------|-------|------|--------------------|

SUMMER ST.

| | | | | | | |
|-----|----------|------------|--------------|--|------|--|
| 312 | Pope St. | Aug. 17 | 3:10 P.M. | | 0.05 | |
|-----|----------|------------|--------------|--|------|--|

WATER REPORT

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date 1928 | Time | Potential Volts | | Remarks |
|-----|----------|--------------|------|--------------------|---|---------|
| | | | | — | + | |

B-5. POTENTIAL WITH REFERENCE TO TELEPHONE
CABLE SHEATHS

ACUSHNET AVE.

| | | | | | | |
|----------------------|------|-------|-----|-----|-----|--------------|
| 313 South St. | July | 2:40 | | | 0.3 | |
| | 31 | P.M. | | | 0.7 | |
| 314 Howland St. | July | 2:50 | | | 0.5 | |
| | 31 | | | | 0.8 | |
| 315 Willis St. | Aug. | 2:30 | | | 0.3 | |
| | 10 | P.M. | | | 0.9 | |
| 316 Conduit St. | Aug. | 11:25 | | | 0.3 | |
| | 11 | A.M. | | | 0.7 | |
| 317 Tarkiln Hill Rd. | July | 9:20 | | | 0.5 | |
| | 31 | A.M. | | | 1.8 | |
| 318 Freetown | Aug. | 3:05 | 0.5 | 1.5 | | Aerial Cable |
| | 9 | P.M. | | | | |

ARNOLD ST.

| | | | | | | |
|-----------------|------|-------|--|--|-----|--|
| 319 Rotch St | Aug. | 11:10 | | | 0.4 | |
| | 6 | A.M. | | | 1.0 | |
| 320 Tremont St. | Aug. | 11:25 | | | 0.5 | |
| | 6 | | | | 1.1 | |
| 321 Park St. | Aug. | 10:55 | | | 0.5 | |
| | 6 | | | | 1.0 | |

ASHLEY BOULEVARD

| | | | | | | |
|-----------------|------|-------|-----|-----|-----|--|
| 322 Sawyer St. | Aug. | 11:50 | | | 0.8 | |
| | 11 | A.M. | | | 1.6 | |
| 323 Glennon St. | Aug. | 11:40 | 0.7 | 1.3 | | |
| | 11 | | | | | |

CEDAR ST.

| | | | | | | |
|------------------|------|------|--|--|-----|--|
| 323a Robeson St. | Oct. | 2:40 | | | 1.0 | |
| | 22 | P.M. | | | 3.0 | |

COUNTY ST.

| | | | | | | |
|-----------------|------|------|--|--|-----|--|
| 323b Willis St. | Oct. | 2:15 | | | 0.5 | |
| | 22 | P.M. | | | 1.8 | |

WATER REPORT

91 y

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date 1928 | Time | Potential Volts | | Remarks |
|-----|----------|--------------|------|--------------------|---|---------|
| | | | | — | + | |

B-5. POTENTIAL WITH REFERENCE TO TELEPHONE
CABLE SHEATHS

DARTMOUTH ST.

| | | | | | | |
|-----|---------------|------|-------|--|-----|--|
| 324 | Rockdale Ave. | Aug. | 10:40 | | 0.4 | |
| | | 8 | A.M. | | 1.4 | |
| 325 | Stowell St. | Aug. | 10:25 | | 0.4 | |
| | | 8 | | | 1.3 | |
| 326 | Fruit St. | July | 11:15 | | 0.5 | |
| | | 19 | A.M. | | 1.0 | |
| 327 | Thompson St. | Aug. | 10:10 | | 0.3 | |
| | | 8 | A.M. | | 0.7 | |
| 328 | Borden St. | Aug. | 9:50 | | 0.3 | |
| | | 8 | | | 0.6 | |
| 329 | Bonney St. | Aug. | 9:25 | | 0.4 | |
| | | 8 | | | 0.6 | |

ELM ST.

| | | | | | | |
|-----|------------|------|-------|--|-----|--|
| 330 | Summer St. | July | 11:15 | | 0.2 | |
| | | 30 | A.M. | | 0.8 | |
| 331 | Sixth St. | Aug. | 9:30 | | 0.3 | |
| | | 6 | A.M. | | 0.8 | |

KEMPTON ST.

| | | | | | | |
|------|---------------|------|-------|--|-----|--|
| 331a | Rockdale Ave. | Oct. | 3:30 | | 0.3 | |
| | | 22 | P.M. | | 1.2 | |
| 331b | Park St. | Oct. | 3:05 | | 0.5 | |
| | | 22 | | | 1.5 | |
| 331c | County St. | July | 11:35 | | 0.4 | |
| | | 30 | A.M. | | 1.0 | |

NASH RD.

| | | | | | | |
|------|------------------|------|-------|--|-----|--|
| 331d | Mt. Pleasant St. | Oct. | 11:45 | | 0.5 | |
| | | 22 | A.M. | | 3.0 | |

PAGE ST.

| | | | | | | |
|------|-----------|------|------|--|-----|--|
| 331e | Taber St. | Oct. | 3:45 | | 0.8 | |
| | | 22 | P.M. | | 1.5 | |

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Potential Volts | | Remarks |
|---|----------------|------|-------|--------------------|-----|---------|
| | | | | — | + | |
| B-5. POTENTIAL WITH REFERENCE TO TELEPHONE CABLE SHEATHS | | | | | | |
| PURCHASE ST. | | | | | | |
| 332 | Washington St. | Aug. | 1:25 | | 0.4 | |
| | | 2 | P.M. | | 1.0 | |
| 333 | Bedford St. | Aug. | 1:40 | | 0.3 | |
| | | 2 | | | 0.7 | |
| 334 | Walnut St. | Aug. | 1:55 | | 0.3 | |
| | | 2 | | | 0.8 | |
| 335 | Campbell St. | Aug. | 3:05 | | 0.4 | |
| | | 2 | | | 1.0 | |
| 336 | Pope St. | Aug. | 3:20 | | 0.6 | |
| | | 2 | | | 1.2 | |
| 337 | Hazard St. | Aug. | 3:35 | | 0.2 | |
| | | 2 | | | 0.4 | |
| 337a | Weld St. | July | 2:55 | | 1.0 | |
| | | 16 | P.M. | | 1.5 | |
| SECOND ST. | | | | | | |
| 338 | North St. | Aug. | 2:05 | | 0.7 | |
| | | 10 | P.M. | | 1.6 | |
| SHAWMUT AVE. | | | | | | |
| 339 | Plainville Rd. | Aug. | 3:20 | | 0.4 | |
| | | 28 | P.M. | | 3.0 | |
| SUMMER ST. | | | | | | |
| 340 | Elm St. | July | 11:15 | | 0.2 | |
| | | 30 | A.M. | | 0.8 | |
| 341 | North St. | July | 10:45 | | 0.4 | |
| | | 30 | | | 1.5 | |
| 342 | Clark St. | July | 9:45 | | 0.5 | |
| | | 30 | | | 2.1 | |

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time 1928 | Potential Volts | | Remarks |
|--|---------------------|------|--------------|--------------------|------|-------------------------|
| | | | | — | + | |
| B-6. POTENTIAL WITH REFERENCE TO RAILWAY CABLES | | | | | | |
| MIDDLE ST. | | | | | | |
| 343 | Summer St. | Aug. | 11:05 | | .05 | |
| | | 14 | A.M. | | 1.7 | |
| 344 | Purchase St. | Aug. | 8:50 | | 0.1 | |
| | | 14 | A.M. | | 1.1 | |
| 345 | Second St. | Aug. | 4:55 | | 1.2 | |
| | | 13 | P.M. | | 2.5 | |
| 346 | Front St. | Aug. | 4:15 | | 0.8 | |
| | | 13 | P.M. | | 1.6 | |
| 347 | East of Steam R. R. | Aug. | 2:35 | | 0.1 | |
| | | 13 | P.M. | | 1.2 | |
| PURCHASE ST. | | | | | | |
| 348 | School St. | Aug. | 3:35 | 0.2 | | |
| | | 14 | P.M. | 1.7 | | |
| UNION ST. | | | | | | |
| 349 | Sixth St. | Aug. | 9:45 | 0.05 | 0.15 | A.C. cur- rent noted |
| | | 6 | A.M. | | | |
| 350 | Sixth St. | Aug. | 2:00 | | 0.1 | |
| | | 14 | P.M. | | 0.2 | |
| 361 | Purchase St. | Aug. | 2:25 | | 0.5 | |
| | | 14 | P.M. | | 1.5 | |

WATER REPORT

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date | Time | Current Amperes | Direction of Flow | Remarks |
|--------------------------------------|--|---------|------------|--------------------|----------------------|------------------------------------|
| B-7. ELECTRIC CURRENT ON WATER PIPES | | | | | | |
| 325 | Mt. Pleasant St., north of Nash Rd. on 36-in. main. | Aug. 4 | 11:15 A.M. | 3.0 6.0 | South South | Gaging Sta. A. A. |
| 353 | Middle St. under Bridge on 6-inch main to Pope's Island and East | Aug. 4 | 10:45 A.M. | 1.4 5.9 | West West | Gaging Sta. B. B. |
| 354 | of service to Power Station | Aug. 6 | 11:55 A.M. | 1.4 8.4 | West West | Gaging Sta. B. B. |
| 355 | Middle St. west of Front St. on 8-inch main | Aug. 7 | 2:20 P.M. | 7.6 30.4 | East East | Gaging Sta. C. C. |
| 356 | Middle St. west of Front St. on 8-inch main | Aug. 7 | 2:25 | 0.8 | East | Gaging Sta. C. |
| 357 | Middle St. west of Front St. on 8-inch Main | Aug. 7 | 2:30 | 19.0 35.0 | East East | Gaging Sta. C. C. |
| 358 | Middle St. west of Front St. on 8-inch main | Aug. 7 | 3:00 | 19.0 36.1 | East East | Gaging Sta. C. C. |
| 359 | Middle St. west of Front St. on 8-inch main | Aug. 9 | 11:50 A.M. | 7.6 57.0 | East East | Gaging Sta. C. |
| 360 | Front St. south of Middle St. on 8-inch main | Aug. 4 | 9:35 A.M. | 12.0 40.0 | North North | Gaging Sta. D. |
| 361 | Front St. south of Middle St. on 8-inch main | Aug. 6 | 11:50 A.M. | 16.0 40.0 | North North | Gaging Sta. D. |
| 362 | In Rwy. Power Sta. 3-inch cast-iron service pipe from Middle St. | Aug. 13 | 3:10 P.M. | 6.0 15.0 | Into Station | |
| 363 | In Rwy. Power Sta. 3-inch cast-iron service pipe from Front St. | Aug. 13 | 3:20 P.M. | 1.50 3.0 | Into Station | |
| 364 | High Hill Res. at Insulating joint on by-pass to old 36-inch main. | Aug. 8 | 3:20 P.M. | 3.0 5.0 | South South | Car leaves Lunds Cor. at 3:15; re- |
| 365 | High Hill Res. at Insulating joint on by-pass to old 36-inch main. | Aug. 8 | 3:25 | 1.2 | North | turns from Sassaquin 3:35 P. M. |
| 366 | High Hill Res. at Insulating joint on by-pass to old 36-inch main. | Aug. 8 | 3:30 | 5.5 | South | |
| 367 | High Hill Res. at Insulating joint on by-pass to old 36-inch main. | Aug. 8 | 3:40 | 6.2 | South | |

TABLE NO. 1 (Cont.)

B.

WATER PIPES.

| No. | Location | Date 1928 | Time | Current Amperes | Direction of Flow | Remarks |
|--------------------------------------|--|--------------|------------|--------------------|----------------------------------|----------------------------------|
| B-7. ELECTRIC CURRENT ON WATER PIPES | | | | | | |
| 368 | Beaver Dam on 48-inch steel force main, south of Middleborough Rd. | July 30 | 5:05 P.M. | 1.2 3.0 | North South | Gaging Sta. H. Gaging Sta. H. |
| 369 | Beaver Dam on 48-inch steel force main south of Middleborough Rd. | Aug. 9 | 3:45 P.M. | 0.6 2.5 | North South | Gaging Sta. H. Gaging Sta. H. |
| 370 | Beaver Dam on 48-inch steel force main, south of Middleborough Rd. | Aug. 9 | 4:05 | 2.0 | South | Gaging Sta. H. |
| 371 | Beaver Dam on 48-inch steel force main, south of Middleborough Rd. | Aug. 9 | 4:09 | 3.0 | South | Gaging Sta. H. |
| 372 | Beaver Dam on 48-inch steel force main, south of Middleborough Rd. | Aug. 9 | 4:13 | 4.5 | South | Gaging Sta. H. |
| 373 | Beaver Dam on 48-inch steel force main, south of Middleborough Rd. | Aug. 9 | 4:19 | 5.0 | South | Gaging Sta. H. |
| 374 | Acushnet Ave., north of Phillips Rd. on 36-inch main. | Aug. 6 | 2:25 P.M. | Very Slight | South | |
| 375 | Tarkiln Hill Rd., west of Railroad on 36-inch main. | Aug. 7 | 11:55 A.M. | Very Slight | West | |
| 376 | Taunton-New Bedford Copper Co. Works on 6-inch cast-iron service pipe. | Aug. 11 | 10:00 A.M. | 0.7 3.0 | Into Works | |
| 377 | Valvoline Oil Co. Wharf on 2-inch cast-iron service pipe. | July 27 | 1:35 P.M. | 0.8 4.0 | East into River | |
| 378 | Valvoline Oil Co. Wharf on 2-inch cast-iron service pipe. | Oct. 16 | 9:10 A.M. | 0.2 1.0 | West from River East to River | |
| 379 | | | | | | |
| 380 | Water pipe to Neg. Bond at Rwy. Pow. Sta. | Oct. 19 | 2:25 P.M. | 15.0 65.0 | Into Station | |

GAGING STATIONS FOR MEASURING ELECTRIC CURRENTS ON WATER PIPES

| Station | Location | Amperes per | Description |
|---------|---|----------------|---|
| | | Milli volt | |
| A | Mt. Pleasant Street, W. side, 400 ft. North of Nash Rd. | 31.0 | 10 ft. of 36-inch cast-iron pipe, Wires attached Sept. 10, 1908, in gate box in sidewalk. N. wire marked. |
| B | Under Middle Street Bridge east of hydrant near old power station. | 2.8 | 9 ft. of 6-inch cast-iron pipe, Pope's Island line. Wires attached Sept. 11, 1908 in gate box near hydrant. E. wire marked. |
| C | Middle Street, S. Side 30 ft. West of Front St. | 3.8 | 10 ft. of 8-inch cast-iron pipe. New wires attached Aug. 7, 1928, in gate box over pipe. W. Wire marked. |
| D | Front Street, W. Side South of Middle St. and S. of service to power station. | 4.0 | 10 ft. of 8-inch cast-iron pipe. Wires attached Aug. 4, 1928, in gate box over pipe. S. wire marked. |
| H | Water Works land, South of Beaver Dam in Freetown. | 4.5 | 197.6 ft. of 48-inch steel force main. Wires attached in 1908. |
| I | Tarkiln Hill Road, 670 feet West of railroad. | 34.0 | 10 ft. of 36-inch cast-iron pipe. Wires attached Aug. 7, 1928. E. Wire marked, in gate box, S. side of Road, 9 ft. from pipe. |

Electric currents on service pipe at Whitestone Brook and on service pipe at Valvoline Oil Company's Wharf are measured directly by inserting ammeter in by-pass wires at insulating joints.

TABLE NO. 4
TOWN OF DARTMOUTH WATER PIPES

- 1.—Potential with Reference to Union Street Railway Tracks.
- 2.—Potential with Reference to Ground.
- 3.—Potential with Reference to Gas Pipes.
- 4.—Electric Current on Water Pipes

TABLE NO. 4.
TOWN OF DARTMOUTH WATER PIPES
1—POTENTIAL WITH REFERENCE TO UNION ST.
RAILWAY TRACKS

| No. | Location | Date | Time | Potential Volts | | Remarks |
|-----|----------|------|------|--------------------|---|---------|
| | | | | — | + | |

IN NORTH DARTMOUTH

KEMPTON ST. LINE.

| | | | | | | |
|-----|----------------------|------|-------|------|--|--|
| 780 | Summit Ave. | July | 12:10 | 1.0 | | |
| | | 17 | P.M. | 10.0 | | |
| 781 | Speaker St. | July | 2:25 | 0.5 | | |
| | | 23 | P.M. | 6.0 | | |
| 782 | Hixville Rd. | July | 2:45 | 0.2 | | |
| | | 17 | P.M. | 6.0 | | |
| 783 | Slocum Rd. | July | 3:30 | 0.2 | | |
| | | 23 | P.M. | 5.0 | | |
| 784 | New Bedford boundary | July | 1:30 | 4.0 | | |
| | | 10 | P.M. | 9.0 | | |

IN SOUTH DARTMOUTH

DARTMOUTH ST. LINE.

| | | | | | | |
|-----|----------------------|------|-------|------|-----|--|
| 785 | Elm and Bridge Sts. | July | 3:40 | 30.0 | 1.0 | |
| | | 24 | P.M. | | | |
| 786 | Middle St. | July | 4:05 | 24.0 | 0.5 | |
| | | 19 | P.M. | | | |
| 787 | Rockland St. | July | 4:15 | 20.0 | 0.5 | |
| | | 24 | P.M. | | | |
| 788 | Howland Ave. | July | 3:50 | 15.0 | 0.2 | |
| | | 19 | P.M. | | | |
| 789 | Rogers St. | July | 4:40 | 10.0 | 1.0 | |
| | | 24 | P.M. | | | |
| 790 | Cove Rd. | July | 3:25 | 11.0 | 0.7 | |
| | | 19 | P.M. | | | |
| 791 | New Bedford boundary | Aug. | 10:35 | 10.0 | 0.5 | |
| | | 8 | A.M. | | | |

WATER REPORT

99 y

TABLE NO. 4 (Cont.)

DARTMOUTH WATER PIPES.

*2—POTENTIAL WITH REFERENCE TO GROUND.

| No. | Location | Date | Time | Potential Volts | | Remarks |
|--------------------|------------------|---------|------------|--------------------|------|--|
| | | | | — | + | |
| IN NORTH DARTMOUTH | | | | | | |
| HIXVILLE RD. | | | | | | |
| 792 | King's Dairy | July 23 | 11:10 A.M. | 0.01 | | A.C. current noted |
| 793 | End of Pipe line | July 23 | 11:50 | 0.01 | | |
| | | | | 0.30 | | |
| KEMPTON ST. | | | | | | |
| 794 | Summit Ave. | July 17 | 11:55 A.M. | 0.1 | | A.C. current noted |
| OLD WESTPORT RD. | | | | | | |
| 795 | End of Pipe Line | July 23 | 2:40 P.M. | 0.05 | | |
| 796 | Chase Road | July 23 | 2:50 | 0.10 | | |
| 797 | Chase's Dairy | July 23 | 9:50 A.M. | 0.15 | | |
| | | | | 0.20 | | |
| SLOCUM RD. | | | | | | |
| 798 | Hawthorn St. | July 23 | 3:50 P.M. | 0.5 | | +2.0 to +12.0 to electric cable duct |
| 799 | Hathaway Rd. | July 23 | 3:15 | 0.05 | | |
| TUCKER RD. | | | | | | |
| 800 | End of Pipe Line | July 23 | 3:00 P.M. | 0.15 | | |
| | | | | 0.40 | | |
| IN SOUTH DARTMOUTH | | | | | | |
| BRIDGE ST. | | | | | | |
| 801 | Water St. | July 24 | 9:50 A.M. | 0.20 | 0.20 | Service pipe at Fish Mkt. |
| 802 | Water St. | Oct. 16 | 11:30 A.M. | 0.5 | 2.00 | To water in harbor A. C. current noted |
| 803 | West of Elm St. | July 24 | 11:10 A.M. | 0.01 | | A. C. current noted |
| | | | | 0.03 | | |

*To ground spike except as noted.

TABLE NO. 4 (Cont.)

DARTMOUTH WATER PIPES.

*2—POTENTIAL WITH REFERENCE TO GROUND.

| No. | Location | Date | Time | Potential Volts | | Remarks |
|---------------------------|--|------------|--------------|--------------------|----------------------|---------|
| | | | | — | + | |
| 1928 | | | | | | |
| IN SOUTH DARTMOUTH | | | | | | |
| COTTAGE ST. | | | | | | |
| 804 | East shore of Appone- gansett River | July 24 | 3:05 P.M. | 0.1 0.2 | To water in River | |
| ELM ST. | | | | | | |
| 805 | South end of pipe line | July 24 | 3:55 P.M. | 0.1 0.2 | | |
| HOWLAND AVE. | | | | | | |
| 806 | East shore of Appone- gansett River | July 24 | 3:35 P.M. | 0.05 0.10 | To water in River | |
| POTTER ST. | | | | | | |
| 807 | North end of Pipe Line | July 24 | 4:55 P.M. | 0.05 0.10 | | |
| ROCKLAND ST. | | | | | | |
| 808 | South end of Pipe Line | July 24 | 4:05 P.M. | 0.10 0.15 | | |
| RUSSELL'S MILLS RD. | | | | | | |
| 809 | Howland Ave. | July 24 | 2:20 P.M. | 0.05 | | |
| 810 | Apponegansett River | July 24 | 2:30 | 0.05 | | |
| 811 | West end of Pipe Line | July 24 | 2:40 | 0.01 | | |
| SHARPE ST. | | | | | | |
| 812 | West end of Pipe Line | July 24 | 5:20 P.M. | 0.01 | | |
| 813 | Sol-E-Mar Hospital | July 24 | 4:25 P.M. | 0.2 0.4 | | |
| ST. JOHN'S RD. | | | | | | |
| 814 | S. of Rogers St. | July 24 | 5:05 P.M. | 0.10 | | |

*To ground spike except as noted.

TABLE NO. 4 (Cont.)
 DARTMOUTH WATER PIPES.
 NO. 3—POTENTIAL WITH REFERENCE TO GAS PIPES.

| No. | Location | Date | Time | Potential | | Remarks |
|---------------------|-----------------------|------|-------|-----------|-------|------------|
| | | | | Volts | | |
| | | 1928 | | — | + | |
| IN NORTH DARTMOUTH | | | | | | |
| KEMPTON ST. | | | | | | |
| 815 | Summit Ave. | July | 12:05 | | 0.2 | |
| | | 17 | P.M. | | | |
| OLD WESTPORT RD. | | | | | | |
| 816 | Chase's Dairy | July | 10:05 | 0.05 | 0.02 | |
| | | 23 | A.M. | | | |
| SLOCUM RD. | | | | | | |
| 817 | N. of Hawthorn St. | July | 4:05 | | 0.5 | |
| | | 23 | P.M. | | 1.5 | |
| IN SOUTH DARTMOUTH | | | | | | |
| DARTMOUTH ST. LINE. | | | | | | |
| 818 | School St. | July | 4:15 | | 0.01 | |
| | | 19 | P.M. | | | |
| 819 | Bridge St. | July | 4:25 | 0.05 | 0.05 | |
| | | 19 | | | | |
| 820 | Middle St. | July | 4:05 | 0.05 | 0.3 | |
| | | 19 | | | | |
| 821 | Howland Ave. | July | 3.50 | 0.001 | 0.001 | |
| | | 19 | | | | |
| 822 | Cove Rd. | July | 3:25 | 0.2 | | |
| | | 19 | | 0.8 | | |
| BRIDGE ST. | | | | | | |
| 823 | Water St. | July | 10:10 | 0.02 | 0.01 | A.C. cur- |
| | | 24 | A.M. | | | rent noted |
| COTTAGE ST. | | | | | | |
| 824 | East shore of Appone- | July | 3:10 | 0.03 | | A.C. cur- |
| | gansett Harbor | 24 | P.M. | 0.12 | | noted |

TABLE NO. 4 (Cont.)
 DARTMOUTH WATER PIPES.
 4—ELECTRIC CURRENT ON WATER PIPES.

| No. | Location | Date 1928 | Time | Current Amperes | Direction of flow and Remarks |
|----------------------------|-----------------------------------|--------------|---------------|------------------------|---|
| IN NORTH DARTMOUTH. | | | | | |
| 825 | HIXVILLE RD. King's Dairy | July 23 | 11:15 A.M. | Very Slight | From main over $\frac{3}{4}$ -in. iron service pipe. |
| 826 | OLD WESTPORT RD. Chase's Dairy | July 23 | 10:25 A.M. | No trace of current | |
| IN SOUTH DARTMOUTH | | | | | |
| 827 | BRIDGE ST. Fish Market | July 24 | 10:25 A.M. | 0.05 0.15 | From main over 1-in. lead service pipe. |
| 828 | West Shore Trust | July 24 | 11:45 | 0.03 0.10 | From main over $\frac{3}{4}$ -in. lead service pipe. |

APPENDIX II.

SPECIAL REPORT OF THE SUPERINTENDENT

SEPTEMBER 19, 1928.

ON

QUESTION OF SUPPLYING

CONSIDERABLY INCREASED CONSUMPTION

AND

LOW RATE FOR LARGE CONSUMERS

SUMMARY OF CONCLUSIONS

I. We now have legislative rights to 23,500,000 gallons daily, in addition to the 3,000,000 gallons daily in the old Acushnet Supply, or about two and one-half times the average consumption for several years past. Other sources are available when consumption and revenue therefrom justify the cost of development.

II. Connections between ponds are ample to convey this water to the pumping station.

III. When the consumption exceeds 10,000,000 gallons daily, additional pumping capacity will be needed.

IV. Second force main should be completed in any event, and it will be required when the consumption reaches 15,000,000 gallons daily.

V. With greatly increased consumption, the distributing reservoir at High Hill should be enlarged.

VI. The distributing system of main pipes is probably ample to supply a considerable increase. Some enlargements may be needed depending on the location of the heavy consumption.

VII. A sliding scale schedule of rates is submitted for consideration which can be put into force with increased consumption.

New Bedford, Mass.,
Sept. 19, 1928.

To the New Bedford Water Board:

Gentlemen:

In accordance with your instructions I herewith submit a report on the question of supplying a considerably increased consumption and of making a special rate for plants using large amounts of water.

I. AVAILABLE SUPPLY.

Lakeville Ponds

Existing legislative acts give us the use of all the waters of Great and Little Quittacas ponds:—also 11½ million gallons daily from Pocksha, Assawompsett and Long Ponds.

The Quittacas Ponds can be safely depended upon for about 12 million gallons daily over a period of dry years, so a total of $23\frac{1}{2}$ million gallons daily is available under present legislation.

Chapter 400, Acts of 1924 also provides for a reallocation of the waters of Long, Assawompsett and Pocksha Ponds if at any time it shall appear necessary or advisable.

The total capacity of these latter ponds is about 31 million gallons daily.

The only consumption from these ponds at present is about $3\frac{1}{2}$ million gallons daily being used by Taunton. The City of Fall River has rights to $11\frac{1}{2}$ million gallons daily from them but has made no move to use this water yet.

In addition to the above there are other areas from which a supply can be developed when the consumption and revenue therefrom warrant it.

Acushnet Reservoir

The old Storing reservoir in Acushnet can safely be depended upon to yield 3 million gallons per day over a dry period. With very little expense water can be let into this reservoir by gravity from Little Quittacas Pond. The carrying capacity of the brick conduit which brings this water to the city is about 5 million gallons daily. This amount of water is therefore available at points along the line of this conduit and at the Receiving Reservoir on Coggeshall St. just east of the Railroad tracks to properties at or below its level, which is 30 ft. above mean high water.

This water has a high color and would probably be used for manufacturing purposes only. A rate of $2\frac{1}{2}$ cents per thousand gallons has been established for water furnished from this source:—the taker to bear all expense of connecting and delivering water to his plant.

II. CONNECTIONS BETWEEN PONDS

The pipe connections between these ponds are of ample capacity to carry practically the entire supply which the ponds will furnish, into Little Quittacas Pond and the intakes to the pump well at the Pumping Station, will be ample for a consumption of about 20 million gallons per day with slight improvement to the screen on the old intake.

Enlargement of all these will be a fairly simple matter when the consumption and revenue warrant it.

III. PUMPING CAPACITY

The pumping equipment consists of two pumps each having a capacity of 10 million gallons daily, with two boilers, either of which is of ample capacity for either pump. Either boiler can be used to furnish steam for either pump and each unit is equipped with separate auxiliary apparatus.

In order to insure continuity of supply, it is necessary to have two units, either of which will supply the full consumption of the City. When this system was constructed, the consumption was about 5 million gallons daily and either unit pumping into High Hill Reservoir for about half the week supplied the full week's consumption. It has been customary to operate each unit about half of each year; utilizing the time when the unit was not operating to make necessary repairs. As the consumption increased it was necessary to pump more and more hours until the consumption reached 10 million gallons daily when it required continuous operation of one unit to supply it.

When this consumption was reached a 6 million gallon electrically driven centrifugal pump was installed in such a manner that it could be operated in conjunction with either steam pump.

When the consumption exceeds 10 million gallons daily this centrifugal pump supplies the excess. This was necessary for several years when the yearly average was from 10 to nearly 11 million gallons daily.

In my annual report to you for the year 1920 is the following statement—

“The consumption is now reaching an amount in excess of the capacity of one steam pump to supply and it frequently becomes necessary to use the electrically driven unit or the second steam pump in order to keep High Hill Reservoir filled. If the second steam pump is used it becomes necessary to fire the second boiler.

The expense of electric power is greater than that of steam, so in either case it makes the cost excessive when the pumpage is more than ten million gallons per day, which is the capacity of one steam pump. It will be advisable to consider the erection of an additional steam pumping unit of fifteen or twenty million gallons capacity before many years.”

This recommendation was renewed each year for several years until the consumption decreased to the point where one steam pump was sufficient to supply it.

In 1926 the inspector found it necessary, on account of the age of the boiler, to reduce the allowable steam pressure from 190 to 173 lbs. These boilers are now 30 and 28 years old respectively and it may be necessary to replace them in the near future.

These statements all point to the fact that in order to care for a greatly increased consumption it will be necessary to materially increase our pumping capacity. When there are definite prospects of such increase, the revenue therefrom will justify the cost of the new equipment to supply it.

A twenty million gallon steam turbine driven centrifugal pump with the necessary boiler and auxiliary equipment should then be installed. Considering the two pumps we now have as one unit we would then have two complete units either one of which would deliver twenty million gallons daily. This would be an ample pumping equipment until the consumption reaches the latter figure.

There are two methods of doing this:—

1. Install a new boiler in the present boiler house, where there is now ample room, and build an addition to contain the proposed pump on the south side of the present engine room adjoining the oil and plant room.

2. Build an entirely new station just south of the present station to contain boiler and engine.

The first method would cost somewhat less because of the shorter pipe lines to connect with the pump well and force mains, using the space in the present boiler house and the present coal handling apparatus. It would have the disadvantage of a long steam line either passing through the present engine room, where it might be broken off by an accident, or outside it, where it would be more difficult to insulate and prevent loss of efficiency through radiation of heat. The estimated cost of this plant is as follows:—

| | |
|---------------------------------------|-------------|
| Boiler | |
| Steam lines | |
| Turbine, pump and auxiliary machinery | \$60,000.00 |
| Connection to pump well | 1,300.00 |
| Connection to force main | 700.00 |
| Addition to building | 30,000.00 |
| | <hr/> |
| | \$92,000.00 |

The second method would have the advantage of making the new unit entirely independent of the present one, so that an accident in either plant would not involve the other one. The suction and discharge lines would necessarily be longer and some means of conveying coal to the new station would have to be provided;—either by extending the railroad to it or installing a conveyor from the present station. This would make the cost more than that of the first plan. The estimated cost of this plan is as follows:—

| | |
|---------------------------------------|--------------|
| Boiler | |
| Steam lines | |
| Turbine, pump and auxiliary machinery | \$60,000.00 |
| Connection to pump well | 2,800.00 |
| Connection to force main | 1,200.00 |
| Building | 60,000.00 |
| Extension of coal handling appliances | 5,000.00 |
| New chimney | 5,000.00 |
| | <hr/> |
| | \$134,000.00 |

IV. FORCE MAIN

It will be necessary in any event before many years to complete the second force main to High Hill Reservoir and in case of greatly increased consumption it will be advisable to either replace the present steel force main or put it in a condition which will keep it in use by lining with cement or some non-corrosive material.

The estimated cost of completing the second force main is \$550,000 and of cleaning and lining the old steel main about \$100,000.

V. HIGH HILL RESERVOIR

The storage capacity of High Hill Reservoir is 67,000,000 gallons. When built this was enough to supply the City about two weeks without pumping. Now it is about one week's supply. With a greatly increased consumption an additional section should be built. The estimated cost of this addition is about \$200,000.

VI. DISTRIBUTION SYSTEM

The existing main distribution pipes from High Hill Reservoir and pumping station to the City are capable of delivering large quantities of water to almost any location. It may be necessary however to enlarge the mains from these principal feeders to the point of large consumption.

VII. RATES

The present schedule of rates provides a charge of 75 cents per thousand cu. ft. (10 cents per thousand gallons) for water used for manufacturing purposes and \$1.12½ per thousand cu. ft. (15 cents per thousand gallons) for all other purposes. There is also a provision that water may be taken from the old conduit or receiving reservoir at little or no head at 18¾ cents per thousand cu. ft. (2½ cents per thousand gallons), the taker to pay all cost of installation.

The manufacturing rate was established in the very early history of the water works for the purpose of encouraging manufacturing. At that time there were comparatively few public water systems in the country and the science of balancing water rates with the cost of operation and revenue required was not developed as well as it is today. The manufacturing rate was fixed at 15 cents per thousand gallons when the works were established in 1869 and the domestic rates were based on the number of fixtures in use.

In 1871, domestic fixture rates were cut practically in half and the manufacturing rate was reduced to 2½ cents per thousand gallons.

In 1877 some revision was made of fixture rates and a meter rate of 15 cents per thousand gallons established for all purposes not classified as manufacturing. The 2½ cent rate for manufacturing purposes was retained, to apply to "water used for running steam engines, steam vessels, boilers of laundries, vats of tanneries, photograph manufactories and purposes of the same general character of which the Water Board was to be the judge."

These rates prevailed until 1905 when a flat rate of 15 cents per thousand gallons for all metered water was established and the lower rate for manufacturing was discontinued.

In 1906 a rate of 5 cents per thousand gallons for "water used in process of dyeing raw stock and finishing woolen fabrics" was made. This was repealed in 1908. In 1909 the general metering of the city was ordered and the rates now in force were established; the manufacturing rate being applied to all water used within a manufacturing enclosure.

Prior to 1906, the water works was operated at a loss; an average deficit of \$52,000 per year being made up from general taxation.

Since that date, the revenue from water rates has been sufficient to pay all the maintenance, interest and principal

charges and an average of \$54,000 per year for extension of the plant.

It is generally agreed by water works authorities that a municipally owned plant should be entirely self supporting as ours is now.

Therefore any readjustment of water rates should still produce enough revenue to pay all maintenance and debt expense and preferably to furnish funds for the ordinary extensions called for annually such as new service and meter installations and ordinary extension of main pipe called for by regular building operations.

The classification now in use, that is, manufacturing or all other use is rather vague and in some cases inequitable when the amount of water used is considered. There are now 18 consumers classed as manufacturing who use less than the amount allowed by the minimum rate, on the other hand there are 23 consumers not manufacturing but using more than 100,000 cu. ft. (750,000 gals.) per quarter and paying the high rate.

The usual and most equitable way of establishing a rate is on the so-called sliding scale, that is, the more water used in a given property, regardless of what it is used for, the lower the rate.

The American and New England Water Works Associations have, after considerable study by committees, recommended a standard schedule of amounts of consumption at which changes in rates under the sliding scale should be made as follows:—

| | |
|---|----------|
| up to 10,000 cu. ft. (75,000 gals.) per quarter | 1st rate |
| between 10,000 — 100,000 cu. ft. per quarter | 2nd rate |
| between 100,000 — 1,000,000 cu. ft. per quarter | 3rd rate |
| over 1,000,000 cu. ft. per quarter | 4th rate |

This schedule has been adopted by many cities either in its entirety or with some modifications.

It is based upon the sound principle that each taker should pay in the first step the overhead cost of reading, billing and collecting, also a reasonable proportion of the general maintenance and in the lower steps a reduced proportion of the general maintenance, debt and interest graduated in proportion to the amount consumed.

The following tables show an analysis of the consumption and revenue for the quarter ending December 31, 1927 under the present and proposed schedules. This is a typical quarter and represents what may be expected under normal conditions.

TABLE I.

Showing consumption and revenue under present rates divided into classes as to amount consumed corresponding to the standard sliding scale used in Table II.

| DOMESTIC COMSUMPTION | | | | | |
|--|--------|------------------------|--|------------------|----------------------|
| | Meters | Total Cons. cu. ft. | Av. Cons. per meter cu. ft. per quarter | Av. qtr. bill | Quarterly revenue |
| Using less than Minimum rate 1100 cu. ft. per qtr. | 5,266 | 3,478,200 | 661 | \$1.25 | \$6,582.50 |
| Using bet. minimum and 100,000 cu. ft. per quarter | 11,946 | 34,004,100 | 2,958 | 3.20 | 38,254.61 |
| Total using less than 10,000 cu. ft. per quarter | 17,212 | 37,482,300 | 2,178 | 2.60 | 44,837.11 |
| Using between 10,000 — 100,000 cu. ft. per qtr. | 323 | 7,715,400 | 23,886 | 26.84 | 8,679.83 |
| Using between 100,000 — 1,000,000 cu. ft. per qtr. | 23 | 6,345,700 | 275,900 | 310.31 | 7,138.91 |
| Using more than 1,000,000 cu. ft. per quarter | 0 | 0 | 0 | 0 | 0 |
| Totals and averages | 17,558 | 51,543,400 | 2,936 | 3.46 | 60,655.85 |

MANUFACTURING CONSUMPTION

| | | | | | |
|---|--------|------------|-----------|----------|-----------|
| Using less than Minimum rate 1,467 cu. ft. per qtr. | 18 | 6,000 | 333 | 1.25 | 22.50 |
| Using bet. minimum — 10,000 cu. ft. per quarter | 45 | 228,600 | 5,080 | 3.81 | 171.45 |
| Total using less than 10,000 cu. ft. per quarter | 63 | 234,600 | 3,724 | 3.08 | 193.95 |
| Using between 10,000 — 100,000 | 91 | 3,842,300 | 42,223 | 31.67 | 2,881.73 |
| Using between 100,000 — 1,000,000 cu. ft. per qtr. | 79 | 24,841,100 | 314,444 | 235.83 | 18,630.83 |
| Using more than 1,000,000 cu. ft. per quarter | 10 | 13,404,000 | 1,340,400 | 1,005.30 | 10,053.01 |
| Total | 243 | 42,322,000 | 174,165 | 130.70 | 31,759.51 |
| Grand Total | 17,801 | 93,865,400 | 5,273 | 5.19 | 92,415.36 |

1,000 cu. ft. EQUALS 7,500 gals.

TABLE II.

Showing revenue that would be produced by the standard sliding scale using present domestic rate for the first step and present manufacturing rate for the third step with an intermediate rate for what might be termed commercial consumers and a rate lower than the present manufacturing rate for the very large consumers:

Based on grouping all meters in one plant and billing as one consumer.

DOMESTIC CONSUMPTION.

| | Meters | Total cons cu. ft. | Av. Cons. per plant cu. ft. per quarter | Qtr., Ave. bill | Quarterly Revenue |
|--|--------|-----------------------|--|--------------------|----------------------|
| Using less than Minimum rate | | | | | |
| 1,100 cu. ft. per qtr. | 5,266 | 3,478,200 | 661 | \$1.25 | \$6,582.50 |
| Using bet. minimum — 10,000 cu. ft. per quarter. | 11,904 | 33,965,500 | 2,853 | 3.21 | 38,211.19 |
| Total using less than 10,000 cu. ft. per quarter | 17,170 | 37,443,700 | 2,181 | 2.61 | 44,793.69 |
| Using between 10,000 — 100,000 cu. ft. per qtr. | 319 | 7,607,700 | 23,849 | 25.10 | 8,006.90 |
| Using between 100,000 — 1,000,000 cu. ft. per qtr. | 21 | 5,987,200 | 285,105 | 240.08 | 5,041.68 |
| Using more than 1,000,000 cu. ft. per quarter | 0 | 0 | 0 | 0 | 0 |
| Total | 17,510 | 51,038,600 | 2,915 | 3.30 | 57,842.27 |

MANUFACTURING CONSUMPTION.

| | | | | | |
|--|--------|------------|-----------|----------|-----------|
| Using less than Minimum rate | | | | | |
| 1,467 cu. ft. per qtr. | 5 | 1,700 | 333 | 1.25 | 6.25 |
| Using bet. minimum — 10,000 cu. ft. per quarter | 17 | 91,100 | 5,359 | 6.03 | 102.51 |
| Total using less than 10,000 cu. ft. per quarter | 22 | 92,800 | 4,218 | 4.94 | 108.76 |
| Using between 10,000 — 100,000 cu. ft. per qtr. | 34 | 1,409,500 | 41,456 | 42.71 | 1,452.14 |
| Using between 100,000 — 1,000,000 cu. ft. per qtr. | 54 | 20,188,700 | 373,865 | 306.65 | 16,559.10 |
| Using more than 1,000,000 cu. ft. per quarter | 13 | 21,135,800 | 1,625,381 | 1,026.58 | 13,345.54 |
| Total | 123 | 42,826,800 | 348,185 | 255.82 | 31,465.54 |
| Grand totals | 17,633 | 93,865,400 | 5,300 | 5.07 | 89,307.81 |

1,000 cu. ft. EQUALS 7,500 gals.

TABLE III

Showing revenue that would be produced by the standard sliding scale using present domestic rate for the first step and present manufacturing rate for the third step with an intermediate rate for what might be termed commercial consumers and a rate lower than the present manufacturing rate for the very large consumers.

Based on billing each meter separately, regardless of location.

| DOMESTIC CONSUMPTION. | | | | | |
|---|--------|-----------------------|--|------------------|----------------------|
| | Meters | Total Cons cu. ft. | Av. Cons. per meter cu. ft. per quarter | Av. Qtr. bill | Quarterly revenue |
| Using less than Minimum rate | | | | | |
| 1,100 cu. ft. per qtr. | 5,266 | 3,478,200 | 661 | \$1.25 | \$6,582.50 |
| Using bet. minimum — 10,000 cu. ft. per quarter | 11,904 | 33,965,500 | 2,853 | 3.21 | 38,211.19 |
| Total using less than 10,000 cu. ft. per quarter | 17,170 | 37,443,700 | 2,181 | 2.61 | 44,793.69 |
| Using between 10,000 — 100,000 cu. ft. per qtr. | 319 | 7,607,700 | 23,849 | 25.10 | 8,006.90 |
| Using between 100,000 — 1,000,000 cu. ft. per qtr. | 21 | 5,987,200 | 285,105 | 240.08 | 5,041.68 |
| Using more than 1,000,000 cu. ft. per quarter | 0 | 0 | 0 | 0 | 0 |
| Total | 17,510 | 51,038,600 | 2,915 | 3.30 | 57,842.27 |
| MANUFACTURING CONSUMPTION. | | | | | |
| Using less than minimum rate | | | | | |
| 1,467 cu. ft. per qtr. | 18 | 6,000 | 333 | 1.25 | 22.50 |
| Using bet. minimum — 10,000 cu. ft. per quarter | 45 | 228,600 | 5,080 | 3.81 | 171.45 |
| Total using less than 10,000 cu. ft. per qtr. | 63 | 234,600 | 3,724 | 3.08 | 193.95 |
| Using between 10,000 — 100,000 cu. ft. per quarter | 91 | 3,842,300 | 42,223 | 43.45 | 3,953.95 |
| Using between 100,000 — 1,000,000 cu. ft. per quarter | 79 | 24,841,100 | 314,444 | 262.05 | 20,701.95 |
| Using more than 1,000,000 cu. ft. per quarter | 10 | 13,404,000 | 1,340,400 | 912.41 | 9,124.10 |
| Total | 243 | 42,322,000 | 174,164 | | 33,973.95 |
| Grand total | 17,753 | 93,360,800 | 5,259 | 5.18 | 91,816.22 |

A comparison of these tables show that the revenue under the "sliding scale" would be lower than under the present schedule by about \$3000 per quarter if the meters in each plant are grouped; or about \$600 if each meter is billed separately regardless of location.

Classified as domestic consumers under the present rates, there are 5266 paying the minimum rate of \$5.00 per year using 3,472,260 cu. ft. of water per quarter, or an average of 660 cu. ft. per consumers; 11946 using a total of 34,500,000 cu. ft. per quarter averaging 2888 cu. ft. per consumer; 323 takers using a total of 7,715,000 cu. ft. per quarter averaging 23,885 cu. ft. per consumer; 23 takers using a total of 6,350,000 cu. ft. per quarter averaging 276,087 cu. ft. per consumer.

Classified as manufacturing there are now 18 consumers paying the minimum rate using 6,000 cu. ft. per quarter or an average of 333 cu. ft. per consumer; 45 using 224,600 or 4991 cu. ft. each per quarter; 91 using 3,842,300 cu. ft. per quarter or an average of 42,223 each; 79 using 24,840,100 or an average of 314,444 each and 10 using 13,404,000 cu. ft. per quarter or an average of 1,340,400 each.

The proposed classification and rates are as follows:

| | |
|---|------------------------------|
| For the first 10,000 cu. ft. per quarter or 3300 cu. ft. per month | \$1.12½ per thousand cu. ft. |
| For the next 90,000 cu. ft. per quarter or 30,000 cu. ft. per month | \$1.00 per thousand cu. ft. |
| For the next 900,000 cu. ft. per quarter or 300,000 cu. ft. per month | .75 per thousand cu. ft. |
| For the next 1,000,000 cu. ft. per quarter or 333,300 cu. ft. per month | .40 per thousand cu. ft. |
| For all over 2,000,000 cu. ft. per quarter or 666,600 cu. ft. per month | .10 per thousand cu. ft. |

Under this classification, 17,170 consumers would pay exactly the same rate as they are paying now; 319 now paying domestic rate would fall into the "commercial" class and pay from the same to \$11.25 per quarter less; 21 now paying domestic rates would fall into the manufacturing class and pay from \$11.25 to \$348.75 per quarter less, the average decrease being \$100.00.

Taker's now paying manufacturing rates would be affected by the proposed schedule if the meters in each plant are grouped and billed as one as follows: 50 whose small consumption would

place them in the domestic group of the new classification would be increased by an amount varying from 0 to \$3.75 per quarter, an average increase of \$2.25; 80 consumers would be classified as "commercial" and be increased by an amount varying from \$3.75 to \$26.25 per quarter, an average increase of \$11.00 per quarter; 75 consumers remain in the "manufacturing" class and their rate would be increased by a fixed amount of \$26.25. This would be the maximum increase on any one consumer. Thirteen consumers would fall into the "large manufacturing" class and on any consumption exceeding 1,075,000 cu. ft. per quarter would pay less than under the present schedule by an amount varying with the quantity of water used.

If each meter is billed separately regardless of its location, the charges to plants having more than one meter would be somewhat increased; the amount depending upon the number of meters and the amount of water passing through each.

The following diagrams show the comparative rates which would be paid under the old and proposed schedules and the average rates paid for various quantities used.

Under the schedule shown in Table II, an increase of one million gallons per day at the lowest rate, or $\frac{1}{4}$ million gallons per day at the high rate would produce about the same revenue as does the schedule now in force. Either of the above additional amounts can be pumped with the present equipment at very little additional expense, and it is safe to say that when the consumption increases to the extent that additional pumping equipment and main pipes are needed the revenue therefrom at the rates suggested in Table II or III will be sufficient to provide for the interest and annual payments on the bonds which would be issued to finance the extensions required.

It is recommended that when such increase is assured the sliding scale described above be adopted.

Respectfully submitted,

S. H. TAYLOR.

CITY OF NEW BEDFORD

IN BOARD OF ALDERMEN,

January 24, 1929.

Received, ordered printed in the city documents, and sent
down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

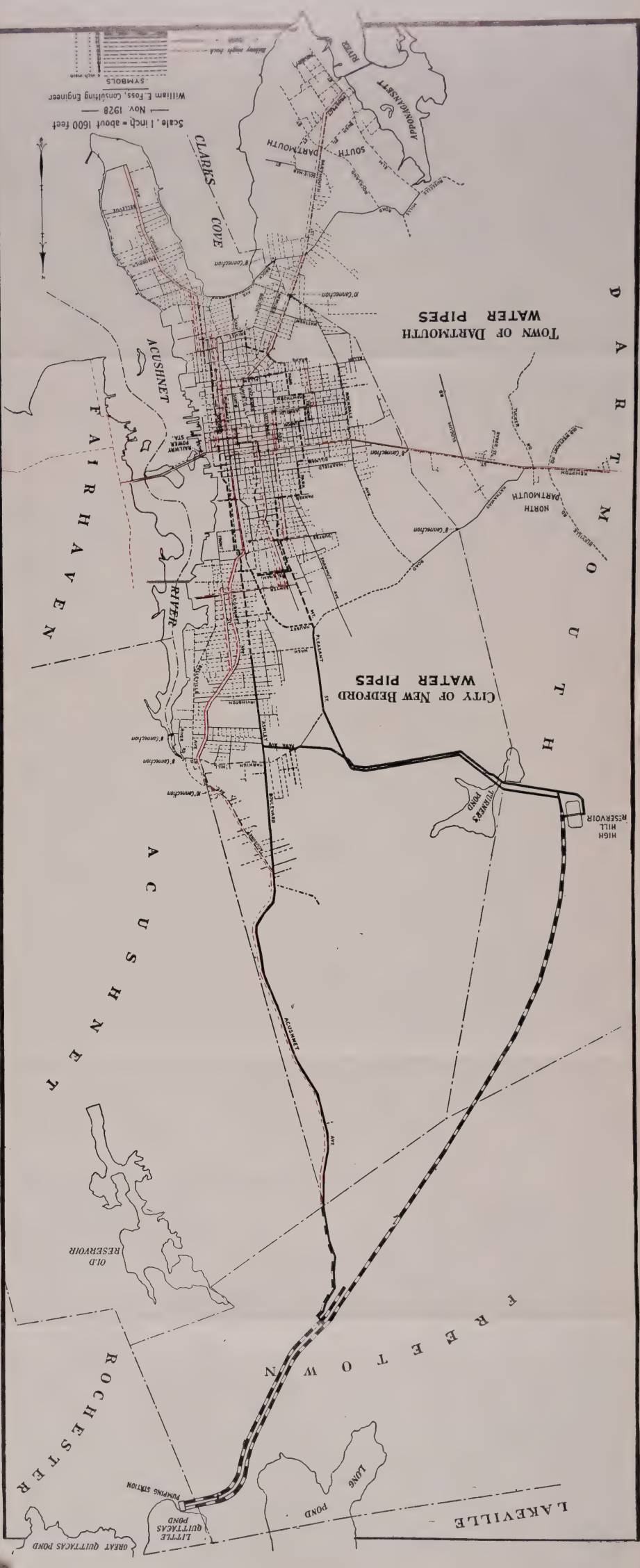
IN COMMON COUNCIL,

January 24, 1929.

Concurred.

RUTH G. HILTON,

Clerk.



TOWN OF DARTMOUTH
WATER PIPES

CITY OF NEW BEDFORD
WATER PIPES

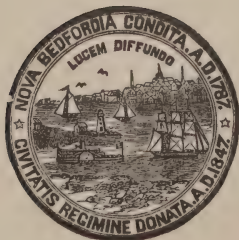
Scale, 1 inch = about 1600 feet
Nov 1928
William E. Foss, Consulting Engineer

SYMBOLS

1 inch to 1 mile

**CITY ORDINANCES
AND AMENDMENTS
PASSED BY THE CITY COUNCIL
OF THE
CITY OF NEW BEDFORD**

From June 1, 1928 to June 1, 1929



CITY ORDINANCE

Fees For Petroleum Product Licenses and Registrations

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Eight

AN ORDINANCE

Establishing fee under General Laws, Chapter 148, relative to crude petroleum product licenses and registrations.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. The fee for a license under General Laws, Chapter 148, as amended by Acts of the General Court of 1928, Chapter 260, as amended by Acts of the General Court of 1928, Chapter 325, is hereby established at one dollar (\$1) and the fee for registration under the same chapter and amendments is established at fifty cents (\$.50).

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

June 28, 1928.

Passed to be ordained.

HENRY S. WINSLOW, Acting Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,

June 28, 1928.

Passed to be ordained.

WALTER BAILLARGEON, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval June 30, 1928.

RODOLPHUS A. SWAN, City Clerk.

Approved June 30, 1928.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Zoning Change No. 15

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Eight

AN ORDINANCE

Amending the Zoning Ordinance of the City of New Bedford with regard to the classification on the Building Zone Map of property on the east side of Church Street from Shaw to Carlisle streets.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. An ordinance zoning the City of New Bedford and establishing height, area and use districts approved December 24, 1925, and in effect January 16, 1926, as amended, is hereby further amended by changing the classification on the Building Zone map of property on the east side of Church street between Shaw and Carlisle streets from Business, Residence B and Residence C to Business, as indicated on the plan thereof attached hereto and made a part hereof.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

June 28, 1928.

Passed to be ordained. Yeas 6, Nays 0.

HENRY S. WINSLOW, Acting Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,

June 28, 1928.

Passed to be ordained. Yeas 19, Nays 0.

WALTER BAILLARGEON, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval June 30, 1928.

RODOLPHUS A. SWAN, City Clerk.

Approved June 30, 1928.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE**Zoning Change No. 16****CITY OF NEW BEDFORD**

In the Year One Thousand Nine Hundred and Twenty-Eight

AN ORDINANCE

Amending the Zoning Ordinance of the City of New Bedford with regard to classification on the Building Zone Map of property on the east side of Rodney French Blvd., east, from Rodney Street to Frederick Street.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. An ordinance zoning the City of New Bedford and establishing height, area and use districts, approved December 24, 1925 and in effect January 16, 1926, as amended, is hereby further amended by changing the classification on the Building Zone Map of property on the east side of Rodney French Blvd., east, from Rodney street to Frederick street, from Residence A to Industrial A as indicated on the plan thereof attached hereto and made a part hereof.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

September 13, 1928.

Passed to be ordained. Yeas 5, Nays 0.

CHAS. S. ASHLEY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,

September 13, 1928.

Passed to be ordained. Yeas 18, Nays 0.

WALTER BAILLARGEON, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval September 14, 1928.

RODOLPHUS A. SWAN, City Clerk.

Approved September 14, 1928.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Non-Parking Areas

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Eight

AN ORDINANCE

Amending an Ordinance approved November 16, 1925, entitled "An Ordinance Establishing Certain Non-parking Areas."

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. An ordinance approved November 16, 1925, entitled "An Ordinance Establishing Certain Non-parking Areas" is hereby amended by striking out the figures 135 in the 8th paragraph of Section 2 and inserting in place thereof the figures 102; so that said ordinance, as amended, shall read:

Section 1. Section 4 of an ordinance adopted December 30, 1922, is hereby repealed.

Section 2. The following described portions of streets are hereby designated as non-parking areas, to be appropriately marked under the direction of the superintendent of streets, and the stopping of vehicles therein, except while taking on or discharging passengers, merchandise or vehicular supplies, is hereby prohibited between the hours of 7:00 A. M. and 9:00 P. M.:

UNION STREET, north side, 45 feet easterly from east line of Acushnet Avenue, between the curbing and the north trolley rail.

UNION STREET, north side, 65 feet easterly from east line of Purchase Street, between the curbing and the north trolley rail.

UNION STREET, south side, 35 feet westerly from west line of Purchase Street, between the curbing and the south trolley rail.

PURCHASE STREET, east side, 60 feet southerly from south line of William Street, between the curbing and the east trolley rail.

PURCHASE STREET, east side, 35 feet southerly from the south line of Middle Street, between the curbing and the east trolley rail.

PURCHASE STREET, west side, 85 feet northerly from the north line of Union Street, between the curbing and the west trolley rail.

PURCHASE STREET, west side, 102 feet northerly from the north line of William Street, between the curbing and the west trolley rail.

PURCHASE STREET, west side, 55 feet northerly from the north line of Middle Street, between the curbing and the west trolley rail.

KEMPTON STREET, south side, 45 feet westerly from the west line of Purchase Street, between the curbing and the south trolley rail.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,
September 27, 1928.

Passed to be ordained,

CHAS. S. ASHLEY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,
September 27, 1928.

Passed to be ordained,

WALTER BAILLARGEON, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval September 28, 1928.

RODOLPHUS A. SWAN, City Clerk.

Approved September 28, 1928.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Limiting Parking of Vehicles

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Eight

AN ORDINANCE

Amending Sections 8 (a) and 8 (b) of an ordinance "Further Regulating the Passage of Vehicles in the Streets" approved December 30, 1922, as amended.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. Sections 8 (a) and 8 (b) of an ordinance "Further Regulating the Passage of Vehicles in the Streets" approved December 30, 1922, as amended, is hereby further amended by striking out said Sections 8 (a) and 8 (b), and inserting in place thereof the following:

Section 8 (a). No person shall stop a vehicle or allow a vehicle to stand within any of the following described portions of the streets for more than 15 consecutive minutes between 9:00 A. M. and 6:00 P. M., Sundays and legal holidays excepted:

WILLIAM STREET, both sides, from Second to Pleasant Streets.

PLEASANT STREET, west side from William Street to Mechanics Lane and from Middle to Elm Streets.

ACUSHNET AVENUE, east side from Union to William Streets.

PURCHASE STREET, both sides, from Union to Elm Streets, (except as otherwise provided).

Section 8 (b). No person shall stop a vehicle or allow a vehicle to stand within any of the following described portions of the streets for more than one hour between 9 A. M. and 6 P. M., Sundays and legal holidays excepted:

SIXTH STREET, between Walnut and Elm Streets.

PLEASANT STREET, between Walnut and Kempton Streets, (except as otherwise provided).

PURCHASE STREET, between School and Union Streets, (except as otherwise provided).

PURCHASE STREET, between Elm and Kempton Streets, (except as otherwise provided).

UNION STREET, between Second and County Streets, (except as otherwise provided).

WILLIAM STREET, between Second and County Streets, (except as otherwise provided).

ELM STREET, between Second and Sixth Streets, (except as otherwise provided).

MIDDLE STREET, north side, between Second and Sixth Streets, (except as otherwise provided).

KEMPTON STREET, between Pleasant and Purchase Streets, (except as otherwise provided).

SPRING STREET, between Second and County Streets.

MARKET STREET, between Pleasant and Sixth Streets.

SECOND STREET, between William and Union Streets.

SEVENTH STREET, between Walnut and Union Streets.

EIGHTH STREET, between Spring and Elm Streets.

SCHOOL STREET, between Second and County Streets, (except as otherwise provided).

ACUSHNET AVENUE, east side, between School and Union Streets.

ACUSHNET AVENUE, east side, between William and Middle Streets.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,
September 27, 1928.

Passed to be ordained.

CHAS. S. ASHLEY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,
September 27, 1928.

Passed to be ordained.

WALTER BAILLARGEON, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval September 28, 1928.

RODOLPHUS A. SWAN, City Clerk.

Approved September 28, 1928.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Regulating Traffic**CITY OF NEW BEDFORD**

In the Year One Thousand Nine Hundred and Twenty-Eight

AN ORDINANCE

Amending Sections 7 (b) and 8 (a) of an Ordinance "Further Regulating the Passage of Vehicles in the Streets" approved December 30, 1922, as amended.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. Section 7 (b) of an ordinance "Further Regulating the Passage of Vehicles in the Streets" approved December 30, 1922, as amended, is hereby further amended by adding, at the end thereof, another paragraph which shall read: "Purchase Street, east side, from Union to William Streets," so that said section, as amended, shall read:

Section 7 (b). No person shall stop a vehicle in any of the following described portions of the streets except while taking on or discharging passengers, merchandise or supplies:

PLEASANT STREET, west side, from School Street northerly 75 feet.

PLEASANT STREET, east side, between Kempton and Weld Streets.

HIGH STREET, south side, between County and Second Streets.

PARK PLACE, both sides, from Sixth Street westerly.

ACUSHNET AVENUE, east side, from Sawyer Street southerly 80 feet.

UNION STREET, south side, from Second Street to Acushnet Avenue.

ELM STREET, south side, from Purchase to County Streets.

MIDDLE STREET, south side, from Second to County Streets.

SCHOOL STREET, south side, from Acushnet Avenue to Purchase Street.

PURCHASE STREET, east side, from Union to William Streets.

SECTION 2. Section 8 (a) of an Ordinance "Further Regulating the Passage of Vehicles in the Streets" approved December 30, 1922, as amended, is hereby further amended by striking out the whole of said section 8 (a) and inserting in place thereof a new section which shall read:

Section 8 (a). No person shall stop a vehicle or allow vehicle to stand within any of the following described portions of the streets for more than 15 consecutive minutes between 9:00 A. M. and 6:00 P. M., Sundays and legal holidays excepted:

WILLIAM STREET, both sides, from Second to Pleasant Streets.

PLEASANT STREET, west side, from William Street to Mechanics Lane and from Middle to Elm Streets.

ACUSHNET AVENUE, east side, from Union to William Streets.

PURCHASE STREET, west side, from Union to Elm Streets, (except as otherwise provided).

PURCHASE STREET, east side, from William to Elm Streets.

SECTION 3. Nothing herein shall be construed to alter, amend or affect the provisions of Section 3 of an Ordinance "Further Regulating the Passage of Vehicles in the Streets" approved December 30, 1922 and amended December 24, 1925.

SECTION 4. This ordinance shall take effect upon its passage.

IN COMMON COUNCIL,

November 22 1928.

Passed to be ordained,

WALTER BAILLARGEON, President.

Sent to Board of Aldermen.

RUTH G. HILTON, Clerk.

IN BOARD OF ALDERMEN,

November 22 1928.

Passed to be ordained,

CHAS. S. ASHLEY, Mayor.

RODOLPHUS A. SWAN, City Clerk.

Presented to the Mayor for approval November 23, 1928.

RODOLPHUS A. SWAN, City Clerk.

Approved November 23, 1928.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Zoning Change No. 17

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Eight

AN ORDINANCE

Amending the Zoning Ordinance of the City of New Bedford with regard to classification on the zoning map of property on the west side of Worcester Street, north of Lynn Street.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. An Ordinance zoning the City of New Bedford and establishing height, area and use districts, approved December 24, 1925 and in effect January 16, 1926, as amended, is hereby further amended by changing the classification on the building zone map of property on the west side of Worcester Street, north of Lynn Street, specifically described as follows:—

Beginning at a point in the westerly line of contemplated Worcester Street 410 feet distant northerly therein from the northerly line of contemplated Lynn Street; thence northerly in the westerly line of contemplated Worcester Street 68.5 feet; thence northwesterly 130.47 feet to a point; thence southerly 81.72 feet to a point; thence easterly 126.31 feet to the point of beginning,—from Residence B to Industrial B, as indicated on the plan thereof attached hereto and made a part hereof.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

November 22, 1928.

Passed to be ordained. 5 Yeas, 0 Nays.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,

November 22, 1928.

Passed to be ordained. 18 Yeas, 0 Nays.

WALTER BAILLARGEON, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval November 26, 1928.

RODOLPHUS A. SWAN, City Clerk.

Approved November 26, 1928.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE**Zoning Change No. 18****CITY OF NEW BEDFORD**

In the Year One Thousand Nine Hundred and Twenty-Eight

AN ORDINANCE

Amending the Zoning Ordinance of the City of New Bedford with regard to classification on the zoning map of property on the west side of Rodney French Blvd. East, between Frederick and Rodney Sts.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. An Ordinance zoning the City of New Bedford and establishing height, area and use districts, approved December 24, 1925 and in effect January 16, 1926, as amended, is hereby further amended by changing the classification on the building zone map of property on the west side of Rodney French Blvd. East, between Frederick and Rodney Streets specifically described as follows:—

Beginning at the northerly line of a laneway at a point in the westerly line of Rodney French Blvd., East, and distant northerly therein about 200 feet from the northerly line of Frederick Street; thence westerly in the northerly side of said laneway 746 feet; thence northerly 220.65 feet; thence easterly 657.1 feet to a point in the westerly line of Rodney French Blvd., East; thence southerly in said westerly line 236 feet to the point of beginning,—from Industrial A to Residence B, as indicated on the plan thereof attached hereto and made a part hereof.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

November 22, 1928.

Passed to be ordained. 5 Yeas, 0 Nays.

CHAS. S. ASHLEY, Mayor

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,

November 22, 1928.

Passed to be ordained. 19 Yeas, 0 Nays.

WALTER BAILLARGEON, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval November 26, 1928.

RODOLPHUS A. SWAN, City Clerk.

Approved November 26, 1928.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Zoning Change No. 19

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Eight

AN ORDINANCE

Amending the Zoning Ordinance of the City of New Bedford with regard to classification on the zoning map of property on the east side of Rockdale Avenue, between Allen and Grape Streets.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. An Ordinance zoning the City of New Bedford and establishing height, area and use districts, approved December 24, 1925 and in effect January 16, 1926, as amended, is hereby further amended by changing the classification on the building zone map of property on the east side of Rockdale Avenue, between Allen and Grape Streets, specifically described as follows:

Beginning at the intersection of the easterly line of Rockdale Avenue with the southerly line of Allen Street; thence easterly in said southerly line of Allen Street 45.8 feet; thence southerly 188.14 feet to a point in the northerly line of Grape Street; thence westerly in said northerly line of Grape Street 70.54 feet to the easterly line of Rockdale Avenue, and thence northerly in said easterly line of Rockdale Avenue 171.46 feet to the point of beginning,—from Residence A and Business to Business, as indicated on the plan thereof attached hereto and made a part hereof.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

November 22, 1928.

Passed to be ordained. 5 Yeas, 0 Nays.

CHAS. S. ASHLEY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,

November 22, 1928.

Passed to be ordained. 18 Yeas, 0 Nays.

WALTER BAILLARGEON, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval November 26, 1928.

RODOLPHUS A. SWAN, City Clerk.

Approved November 26, 1928.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Zoning Change No. 20

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Eight

AN ORDINANCE

Amending the Zoning Ordinance of the City of New Bedford with regard to classification on the zoning map of property on the northeast corner of State and Campbell Streets.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. An Ordinance zoning the City of New Bedford and establishing height, area and use districts, approved December 24, 1925 and in effect January 16, 1926, as amended, is hereby further amended by changing the classification on the building zone map of property on the northeast corner of State and Campbell Streets, specifically described as follows:—

Beginning at the intersection of the northerly line of Campbell Street with the easterly line of State Street; thence northerly in said easterly line 54 feet; thence easterly 52.5 feet; thence southerly 54 feet to a point in the northerly line of Campbell Street; thence westerly in said northerly line of Campbell Street 52.5 feet to the point of beginning,—from Residence A to Residence B, as indicated on the plan thereof attached hereto and made a part hereof.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

November 22, 1928

Passed to be ordained. 5 Yeas, 0 Nays.

CHAS. S. ASHLEY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,

November 22, 1928

Passed to be ordained. 19 Yeas, 0 Nays.

WALTER BAILLARGEON, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval November 26, 1928.

RODOLPHUS A. SWAN, City Clerk.

Approved November 26, 1928.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Zoning Change No. 21

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Eight

AN ORDINANCE

Amending the Zoning Ordinance of the City of New Bedford with regard to classification on the zoning map of property west of the Acushnet line, between McGee and Pontiac streets.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. An Ordinance zoning the City of New Bedford and establishing height, area and use districts, approved December 24, 1925 and in effect January 16, 1926, as amended, is hereby further amended by changing the classification on the building zone map of property west of the Acushnet line, between McGee and Pontiac Streets, specifically described as follows:—

Beginning at the intersection of the southerly line of contemplated McGee Street with the boundary line between the town of Acushnet and the City of New Bedford; thence southerly along said boundary line to a point 60 feet south of the south line of contemplated Pontiac Street extended; thence westerly to a point 100 feet east of Acushnet Avenue measured at right angles thereto; thence northerly, parallel to and 100 feet distant from said Acushnet Avenue to a point 100 feet southerly from the southerly line of Westland Street; thence easterly, parallel to and 100 feet distant from said southerly line of Westland Street to a point 80 feet distant westerly from contemplated Morris Street; thence northerly, parallel to and 80 feet distant from said contemplated Morris Street, to a point 100 feet southerly from contemplated Eliot Street, thence easterly, parallel to and 100 feet distant from said contemplated Eliot Street, to a point 390 feet westerly from the division line between the town of Acushnet and the City of New Bedford; thence northerly to a point in the southerly line of contemplated McGee Street distant westerly therein 290 feet from said town line; thence easterly in said southerly line of contemplated McGee Street to the point of beginning,—from Residence B to Business, as indicated on the plan thereof attached hereto and made a part hereof.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

November 22, 1928.

Passed to be ordained. 5 Yeas, 0 Nays.

CHAS. S. ASHLEY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,

November 22, 1928.

Passed to be ordained. 19 Yeas, 0 Nays.

WALTER BAILLARGEON, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval November 26, 1928.

RODOLPHUS A. SWAN, City Clerk.

Approved November 26, 1928.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE**Traffic Regulations****CITY OF NEW BEDFORD****In the Year One Thousand Nine Hundred and Twenty-Eight
AN ORDINANCE**

Amending Section 7 (b) and 8 (a) of an Ordinance "Further Regulating the Passage of Vehicles in the Streets" approved December 30, 1922, as amended.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. Section 7 (b) of an Ordinance "Further Regulating the Passage of Vehicles in the Streets" approved December 30, 1922, as amended, is hereby further amended by striking out the words "east side", relating to Purchase Street, in the last paragraph thereof, and inserting the words "both sides," so that said section, as amended, shall read: Section 7 (b). No person shall stop a vehicle in any of the following described portions of the streets except while taking on or discharging passengers, merchandise or supplies:

PLEASANT STREET, west side, from School Street northerly 75 feet.

PLEASANT STREET, east side, between Kempton and Weld Streets.

HIGH STREET, south side, between County and Second Streets.

PARK PLACE, both sides, from Sixth Street westerly.

ACUSHNET AVENUE, east side, from Sawyer Street southerly 80 feet.

UNION STREET, south side, from Second Street to Acushnet Avenue.

ELM STREET, south side, from Purchase to County Streets.

MIDDLE STREET, south side, from Second to County Streets.

SCHOOL STREET, south side, from Acushnet Avenue to Purchase Street.

PURCHASE STREET, both sides, from Union to William Streets.

SECTION 2. Section 8 (a) of an Ordinance "Further Regulating the Passage of Vehicles in the Streets" approved December 30, 1922, as amended, is hereby further amended by striking out the whole of said section 8 (a) and inserting in place thereof a new section which shall read:

Section 8 (a). No person shall stop a vehicle or allow a vehicle to stand within any of the following described portions of the streets for more than 15 consecutive minutes between 9:00 A. M. and 6:00 P. M., Sundays and legal holidays excepted:

WILLIAM STREET, both sides from Second to Pleasant Streets.

PLEASANT STREET, west side, from William Street to Mechanics Lane and from Middle to Elm Streets.

ACUSHNET AVENUE, east side, from Union to William Streets.

PURCHASE STREET, both sides, from William to Elm Streets, (except as otherwise provided).

SECTION 3. Nothing herein shall be construed to alter, amend or affect the provisions of Section 3 of an ordinance "Further Regulating the Passage of Vehicles in the Streets" approved December 30, 1922 and amended December 24, 1925.

SECTION 4. This ordinance shall take effect upon its passage.

IN COMMON COUNCIL,
December 13, 1928.

Passed to be ordained.

HOWARTH TAYLOR, President pro tem.

Sent to Board of Aldermen.

RUTH G. HILTON, Clerk.

IN BOARD OF ALDERMEN,
December 13, 1928.

Passed to be ordained.

RODOLPHUS A. SWAN, City Clerk.

Presented to Mayor for approval December 14, 1928.

RODOLPHUS A. SWAN, City Clerk.

Approved December 14, 1928.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Building Code Change No. 2

Building Regulations

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Eight

AN ORDINANCE

Amending Section 222 (a) of the Building Regulations approved December 24, 1925, as amended.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. Section 222 (a) of the Building Regulations approved December 24, 1925, as amended, is further amended by adding at the end thereof the following: "and, in the case of a filling station, after approval of the location by the Board of Aldermen of the City of New Bedford," so that said section as amended shall read:

Section 222. Garages. (a) No building shall be erected, altered or converted for use as a garage or filling station within the limits of the city of New Bedford until a petition, signed by the owner thereof or his agent, has been granted and issued by the Superintendent of Buildings, after approval by the representative of the state fire marshal in New Bedford, and in the case of a filling station, after approval of the location by the Board of Aldermen of the City of New Bedford.

Section 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,
December 13, 1928.

Passed to be ordained.

HENRY S. WINSLOW, Acting Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,
December 13, 1928.

Passed to be ordained.

HOWARTH TAYLOR, President pro tem.
RUTH G. HILTON, Clerk.

Presented to the Mayor for approval December 14, 1928.

RODOLPHUS A. SWAN, City Clerk.

Approved December 14, 1928.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE**Building Code Change No. 3****Building Regulations****CITY OF NEW BEDFORD**

In the Year One Thousand Nine Hundred and Twenty-Eight

AN ORDINANCE

Rescinding Sections 177 (e), 179 (f & g), 184 (d), 186 (i), 187 (f), 211 (h), 212 (d), 213 (d), and 213 (e) second paragraph, of R. O. of 1916, as amended.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. Sections 177 (e), 179 (f & g), 184 (d), 186 (i), 187 (f), 211 (h), 212 (d), 213 (d), and 213 (e) second paragraph, of amendments to Revised Ordinances of 1916 are hereby rescinded, repealed and annulled.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

December 13, 1928.

Passed to be ordained.

HENRY S. WINSLOW, Acting Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,

December 13, 1928.

Passed to be ordained.

HOWARTH TAYLOR, President pro tem.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval December 14, 1928.

RODOLPHUS A. SWAN, City Clerk.

Approved December 14, 1928.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Nine

AN ORDINANCE

Relative to the collection and disposal of garbage, refuse, offal and rubbish.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. The Board of Health shall exercise, control and direct, to the exclusion of any other municipal agency, the collection and disposal of garbage, refuse, offal and rubbish, except ashes, and may contract for such collection and disposal for a term of years, which same shall be effective and maintained, if necessary annual financial appropriation is provided and continued.

SECTION 2. All ordinances or parts of ordinances inconsistent herewith are hereby repealed.

SECTION 3. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

February 14, 1929.

Passed to be ordained.

CHAS. S. ASHLEY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,

February 14, 1929.

Passed to be ordained.

BERNARD KESTENBAUM, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval February 14, 1929.

RODOLPHUS A. SWAN, City Clerk.

Approved February 14, 1929.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCES

CITY ORDINANCE

Zoning Change No. 22

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Nine

AN ORDINANCE

Amending the Zoning Ordinance of the City of New Bedford with regard to property on the west side of Pleasant Street between North and Maxfield Streets.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. An ordinance zoning the City of New Bedford and establishing height, area and use districts, approved December 24, 1925 and in effect January 16, 1926, as amended, is hereby further amended by changing the classification on the Building Zone Map from Residence B to Business of property specifically described as follows: Beginning at the intersection of the northerly line of North Street with the westerly line of Pleasant Street, thence northerly in said westerly line of Pleasant Street to the southerly line of Maxfield Street; thence westerly in said southerly line 88.42 feet; thence by various property lines southerly 25.8 feet, westerly 4 feet, southerly 39.35 feet, easterly 9.25 feet, and southerly 194.67 feet to a point in the northerly line of Hillman Street distant westerly therein 83.05 feet from Pleasant Street; thence across Hillman Street to a point in the southerly line thereof distant westerly therein 112.46 feet from Pleasant Street; thence by various property lines southerly 60.4 feet, easterly 27.42 feet, southerly 98 feet, westerly 21.12 feet, and southerly 104.31 feet to a point in the northerly line of North Street; thence easterly in said northerly line 104.16 feet to the point of beginning, as indicated on the plan thereof attached hereto and made a part hereof.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,

March 14, 1929.

Passed to be ordained. Yeas 6, Nays 0.

OSCAR D. KELLEHER, Acting Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,

March 14, 1929.

Passed to be ordained. Yeas 24, Nays 0.

BERNARD KESTENBAUM, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval March 25, 1929.

RODOLPHUS A. SWAN, City Clerk.

Approved March 25, 1929.

OSCAR D. KELLEHER, Acting Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Water Rates

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Nine

AN ORDINANCE

Amending Section 99 of the Revised Ordinances of 1916, as amended, relative to water rates.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. Section 99 of the Revised Ordinances of 1916 as amended by an ordinance adopted by the city council and approved by the Mayor May 31, 1928 is hereby amended by striking out the whole of said section and inserting in place thereof the following section:— Section 99. The charge for water shall be at the following rates:—

For water supplied from the Quittacas Pumping Station:

For the first 10,000 cubic feet per quarter or 3300 cubic feet per month, \$1.12½ per thousand cubic feet.

For the next 90,000 cubic feet per quarter or 30,000 cubic feet per month, \$1.00 per thousand cubic feet.

For the next 900,000 cubic feet per quarter or 300,000 cubic feet per month, \$0.75 per thousand cubic feet.

For the next 1,000,000 cubic feet per quarter or 333,300 cubic feet per month, \$0.40 per thousand cubic feet.

For all over 2,000,000 cubic feet per quarter or 666,600 cubic feet per month, \$0.10 per thousand cubic feet.

The foregoing rates shall apply only to units of property or to the total amount of water used as recorded by one or more meters located on the same property or premises.

For water to be taken from the conduit running from the Ansel White Dam, and known as the Old Acushnet Supply, or from the gravity receiving reservoir connected therewith and lying easterly of the New York, New Haven & Hartford Railroad location and bounded by Coggeshall street on the north and by land of private owners on the east and south, to be furnished in such instances as the Water Board shall approve and through and by connections and installations, the cost of which is to be wholly borne by the consumer and in no instance to entail expense upon the City, at the rate of two and one-half cents per thousand gallons (\$.1875 per thousand cubic feet).

These rates shall take effect July 1, 1929.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,
May 15, 1929.

Passed to be ordained.

CHAS. S. ASHLEY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,
May 15, 1929.

Passed to be ordained.

BERNARD KESTENBAUM, President.
RUTH G. HILTON, Clerk.

Presented to the Mayor for approval May 16, 1929.

RODOLPHUS A. SWAN, City Clerk.

Approved May 16, 1929.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Building Code Change

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Nine

AN ORDINANCE

Repealing the provisions relative to repair of roofs and providing a substitute amendment.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. Section 213 of the Revised Ordinances of 1916, as amended, is hereby amended by repealing and striking out the whole of paragraph 2 of clause A of said section and inserting in place thereof a new paragraph as follows, viz.: The repair of existing roofs covered with wood shingles or other combustible materials is permitted provided that incombustible materials as above defined are used.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,
May 23, 1929.

Passed to be ordained.

CHAS. S. ASHLEY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,
May 23, 1929.

Passed to be ordained.

BERNARD KESTENBAUM, President.
RUTH G. HILTON, Clerk.

Presented to the Mayor for approval May 24, 1929.

RODOLPHUS A. SWAN, City Clerk.

Approved May 24, 1929,

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Zoning Change No. 23

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-Nine

AN ORDINANCE

Amending the Zoning Ordinance of the City of New Bedford with regard to classification on the Building Zone Map of property at the northwest corner of Mill and Chestnut Streets.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. An ordinance zoning the City of New Bedford and establishing height, area and use districts, approved December 24, 1925, and in effect January 16, 1926, as amended, is hereby further amended by changing the classification on the building Zone Map of property located on the northwest corner of Mill and Chestnut streets a distance of 80 feet on Mill Street and 45 feet on Chestnut street, from Residence A to Business, as indicated on the plan thereof attached hereto and made a part hereof.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,
May 23, 1929.

Passed to be ordained. Yeas 6, Nays 0.

CHAS. S. ASHLEY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,
May 23, 1929.

Passed to be ordained. Yeas 24, Nays 0.

BERNARD KESTENBAUM, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval May 24, 1929.

RODOLPHUS A. SWAN, City Clerk.

Approved May 24, 1929.

CHAS. S. ASHLEY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.





